

Procover

RECUBRIMIENTOS ARQUITECTÓNICOS

Catálogo pisos EPDM

GRÁNULOS EPDM





PARQUES INFANTILES



ÁREAS PARA MASCOTAS



ÁREAS DEPORTIVAS



SENDEROS ECOLÓGICOS

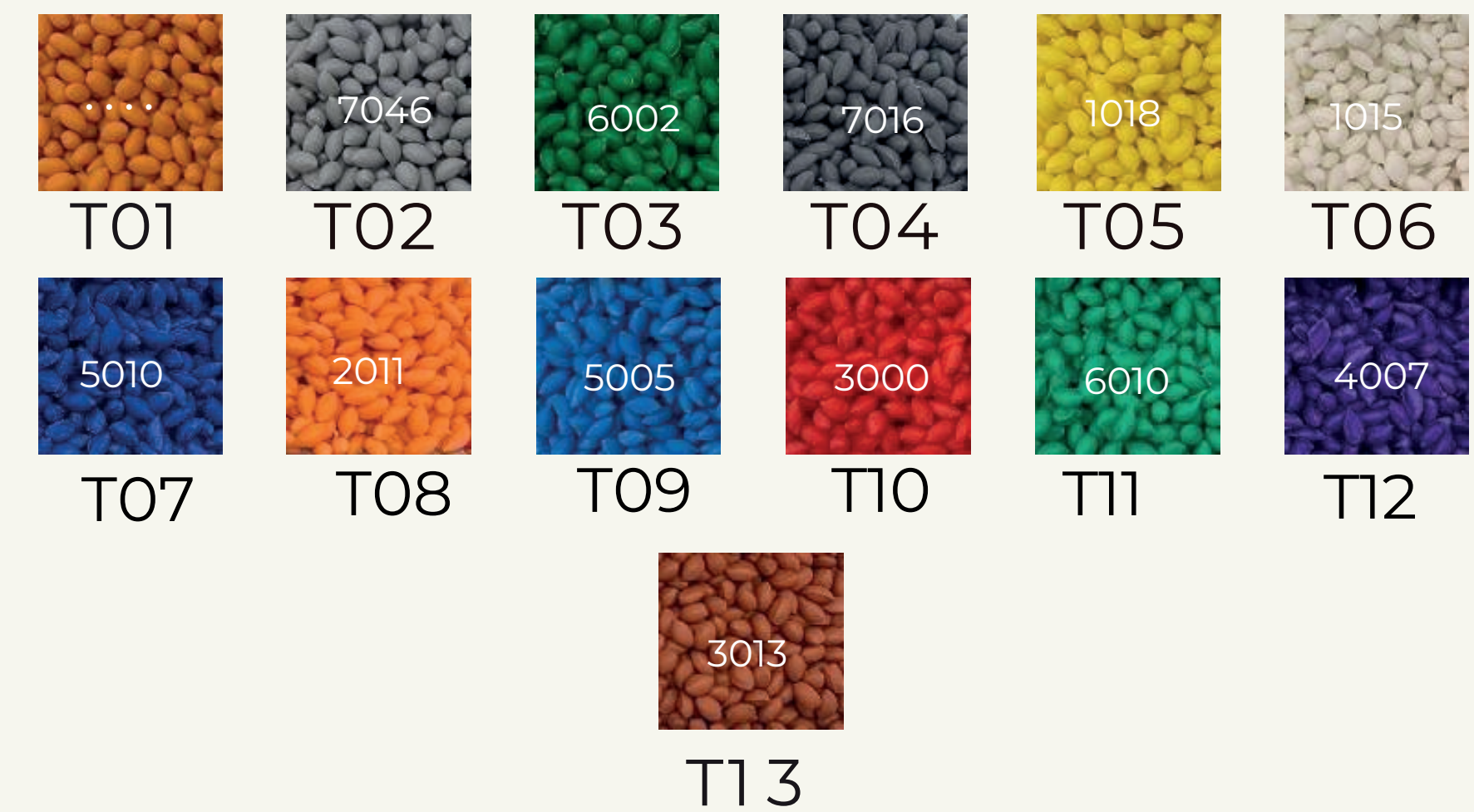
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RECUBRIMIENTOS ARQUITECTÓNICOS

Carta de colores de gránulos de EPDM



Carta de colores de gránulos de TPV



FICHA TÉCNICA DE GRÁNULOS DE EPDM

Tamaños de gránulos:

0.5-2.5 mm, 1-3 mm, 1.5-3.5 mm, 2-3 mm, 2-4 mm, 3-5 mm

Áreas de aplicación:

Utilizado en superficies de pistas de atletismo, parques infantiles, instalaciones deportivas, patios para caminar, alrededores de piscinas, etc.

Almacenamiento:

Mantener seco y fuera de la luz directa del sol mientras esté en bolsas de plástico.

Embalaje:

Bolsa de PE de 25 kg en pallets de 1 tonelada o 1 tonelada en bolsas grandes.

Información Técnica:

Apariencia	Granulado
Densidad	1.55 g/cm³ (± 0.05)
Dureza Shore A	65°A (± 5)
Resistencia a la tracción	>3.0 MPa
Elongación a la rotura	>400%
Tamaño de partícula	1-3 mm
Compatibilidad	Con adhesivos de poliuretano, relleno de césped
Áreas de uso	Parques infantiles, canchas deportivas, relleno de césped, etc.
Embalaje	25 kg/bolsa

Los datos mencionados anteriormente son indicativos y tienen tolerancias de fabricación. Garantizamos que nuestros productos cumplen con las especificaciones que se indican por escrito.

Descripción del Producto

Los gránulos de EPDM (terpolímero de etileno, propileno y diolefina no conjugada) están hechos de caucho sintético, disponibles en una amplia gama de colores y con excelentes propiedades. Estos gránulos son especialmente adecuados para diversas aplicaciones gracias a sus características de resistencia y durabilidad.

Propiedades del EPDM

Resistencia UV: Alta resistencia a la radiación ultravioleta, manteniendo la estabilidad y solidez del color.

Resistencia Química: Resistente a la reacción química general, asegurando la durabilidad del material.

Intemperie y Temperatura: Excelente rendimiento en condiciones climáticas adversas y bajas temperaturas, manteniendo su elasticidad.

Elasticidad: Gran elasticidad, ideal para la construcción de patrones complejos.

Aplicaciones

Zonas de juegos infantiles, Zonas para mascotas, Zonas de equipamiento deportivo, Gimnasios, Senderos y pistas, Accesos a parques, Pasarelas, Campos de tiro, Hipódromos

Especificaciones Técnicas

Tamaños Disponibles: 0.5-1.5mm, 1-2mm, 2-3mm, 1-3mm, 1-4mm, 2-5mm

Dosificación: 1:6 (1.2 kg/m³)

Peso Específico: 1 kg/m² por cada 1mm de espesor

Producción y Composición

El EPDM se produce mediante la combinación de etileno, propileno y una diolefina no conjugada, lo que resulta en un material con características superiores de resistencia y durabilidad.

Resistencia y Rendimiento

Anti-oxidación y UV: Excelentes propiedades anti-oxidación y resistencia a la irradiación UV.

Estabilidad del Color: Gran estabilidad del color y resistencia a los rayos UV.

Elasticidad a Baja Temperatura: Mantiene una buena elasticidad incluso a bajas temperaturas.

Construcción y Tecnología

Requisitos de Base: Se puede construir sobre una amplia gama de bases, incluyendo cemento y asfalto.

Espesor: Seleccionable según los requisitos del usuario, variando de 5mm a 50mm.

Datos Técnicos Adicionales

Capacidad en Contenedor: Un contenedor de 20 pies puede contener aproximadamente 20 toneladas de gránulos de EPDM.

Embalaje: Los gránulos de EPDM generalmente se emban en bolsas de 25 kg o en big bags de 1 tonelada para facilitar su manejo y transporte.

Vida Útil: Con almacenamiento adecuado, los gránulos de EPDM pueden tener una vida útil de hasta 2 años sin pérdida significativa de sus propiedades.

Almacenamiento: Deben almacenarse en un lugar fresco y seco, protegidos de la luz solar directa y la humedad.

Construcción y Tecnología

Requisitos de Base: Se puede construir sobre una amplia gama de bases, incluyendo cemento y asfalto.

Espesor: Seleccionable según los requisitos del usuario, variando de 5mm a 50mm.

Tecnología de Construcción: Permite combinaciones flexibles de patrones y colores, con una adhesión fiable a diferentes sustratos.

Proceso de Construcción

Preparación de la Base: Compatible con cemento y asfalto.

Mezcla: Gránulos y cola mezclados según el grosor deseado.

Aplicación: Extendido manual o con extendora grande.

Acabado: Uso de rodillo calefactor para aplanar y asegurar la adhesión.

INFORME DE PRUEBA



Test Report

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GUANGZHOU HZW COMMERCIAL CO.,LTD
261 JINYING BUILDING,YUEXIU DISTRICT, GUANGZHOU, GUANGDONG ,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : EPDM RUBBER MULCH

SGS Job No. : SZIN1905008004PC - SZ
Material : rubber
Date of Sample Received : 04 Jun 2019
Testing Period : 04 Jun 2019 - 11 Jun 2019
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
EN 71-3:2013+A3:2018-Migration of Certain Elements (Category III: Scrapped-off toy material)	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Violet Shi

Violet, Shi
Approved Signatory



CANML1910621801



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INFORME DE PRUEBA



Test Report

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN19-106218.001	Green material

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EN 71-3:2013+A3:2018-Migration of Certain Elements (Category III: Scrapped-off toy material)

Test Method : With reference to EN 71-3:2013+A3:2018. Analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001
Soluble Aluminum(Al)	70000	mg/kg	50	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Boron(B)	15000	mg/kg	50	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND
Soluble Chromium (III) (Cr (III))	460	mg/kg	5	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND
Soluble Lead (Pb)	23	mg/kg	10	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Zinc (Zn)	46000	mg/kg	50	165
Soluble Strontium(Sr)	56000	mg/kg	50	ND
Soluble Tin(Sn)	180000	mg/kg	4.9	ND
Soluble Organic Tin	12	mg/kg	-	ND
Soluble Chromium (VI) (Cr (VI))	0.2	mg/kg	0.18	ND

Comment

PASS

Notes :

- 1.Soluble Chromium (III)= Soluble Total Chromium- Soluble Chromium (VI)
- 2.Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not



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exceed the soluble organic tin requirement as specified in EN 71-3:2013+A3:2018.



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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