

Materialspezifikation Umrandungsplatten

Material Properties of PVC recycle



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Test:	Test method according to:	Result
Bulk density	PN-EN 15346:2009 B	0,360-0,615 [g/cm ³]
Density	PN-EN ISO 1183 - 1	1,2-1,35 [g/cm ³]
Shore D hardness	PN-EN ISO 868:2005	Šr.: 40
Pollution	PN-EN 15346:2007 C	Šr.: 3-7%
Shape	Visual assessment	Granules: 2-8mm
Particle size	PN-EN 15346:2007 D, E	6mm 75% (±10%)
Water absorption	PN-EN62:2008 method 1	Šr.: 1%
Compressive strength	PN-EN ISO 604	Šr.: ≥ 4 MPa
Tensile strength	PN-EN ISO 604	Šr.: ≥ 4 MPa
Elongation at break	PN-EN ISO 1798	Šr.: ≥ 108%
Charpy hammer with a notch 23 ° C	EN ISO 148:2008	No break
Charpy hammer without a notch 23 ° C	EN ISO 148:2008	No break
Softening point - Vicat	PN-C-8 9024:1985	70-90 °C
Suitability for extrusion	PN-EN 15346:2007 G	No objections

Product: Composition of thermoplastic polymer recyclates prepared in accordance with PN-EN 15346: 2009.

Composition: polyvinyl chloride (PVC) minimum 70%; polyolefins (HDPE, LDPE, cross-linked PE) 25%; 5% elastomers. The mixture is inorganic-free, lint-free and has a reduced dust content.

Processing temperature: 130 ° -165 ° C (the mass temperature must not exceed 205 ° C).

Colour: black, gray, dark gray.

Purpose: Extrusion.