

TPRR 450

Technical data sheet



Description:	Good replacement for polyolefin materials Good flowability
Applications:	Impact resistant products Flexible and damping products
Impact:	Very good balance of stiffness and impact strength Suitable for various injection moulded products Suitable for profile extrusion

1. PRODUCT IDENTIFICATION AND SUPPLIER DETAILS

PRODUCT IDENTIFICATION

Product name	TPRR 450
Product description	TPRR (Thermoplastic recycled rubber) material consisting mainly of recycled plastics and recycled rubber.
Physical Appearance	Black solid plastic pellets, approximately 3 mm – 5 mm.
Recommended Use	Injection moulding and various industrial processes.

SUPPLIER DETAILS

Manufacturer	Ecorub AB (publ) Hökmark 114, 932 93 Lövånger, Sweden
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2. PRODUCT CHARACTERISTICS

PROPERTIES	TEST CONDITIONS	TYPICAL VALUES	TEST METHODS
Tensile Modulus	1 mm/min	310 Mpa	ISO 527-2/1A
Tensile Strength	50 mm/min	11 Mpa	ISO 527-2/1A
Strain at Break	50 mm/min	41 %	ISO 527-2/1A
Charpy Impact Strength	Notched A (23 °C)	21 kJ/m ²	ISO 179-1/1eA
Hardness	Shore D	46	ISO 48-4
Density	Method A	0.997 g/cm ³	ISO 1183-1
Melt Flow Rate	230 °C and 2.16 kg	5 g/10min	ISO 1133



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