

TPRR 500

Technical data sheet



Description:	Very high content of recycled polymers Good replacement for HDPE and PP
Applications:	Stiff and impact resistant Suitable for outdoor products
Impact:	Very UV resistant Suitable for various injection moulded products

1. PRODUCT IDENTIFICATION AND SUPPLIER DETAILS

PRODUCT IDENTIFICATION

Product name	TPRR 500
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	490 Mpa	ISO 527-2/1A
Tensile Strength	50 mm/min	13 Mpa	ISO 527-2/1A
Strain at Break	50 mm/min	12 %	ISO 527-2/1A
Charpy Impact Strength	Notched A (23 °C)	6.4 kJ/m ²	ISO 179-1/1eA
Hardness	Shore D	52	ISO 48-4
Density	Method A	0.995 g/cm ³	ISO 1183-1
Melt Flow Rate	230 °C and 2.16 kg	4 g/10min	ISO 1133



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