

RB-20 (Soft) Compound

Polymer — Soft TPR / TPE

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RB-20 Soft is a soft thermoplastic (TPR/TPE) compound for injection-moulded articles.

Typical applications: Footwear soles & straps, soft moulded goods.

SPECIFICATIONS

Parameter	Unit	Test Method	Specification
Hardness	Shore A	ASTM D2240	22 ± 2
Specific gravity	g/cc	ASTM D792	0.89 – 0.92
Tensile strength	kg/cm²	ASTM D638	> 28
300% modulus	kg/cm²	ASTM D412	< 8
Elongation @ break (uncured)	%	ASTM D638	> 1500
Melt flow index @ 190 °C / 2.16 kg	g/10 min	ASTM D1238	80
Tear strength	kg/cm²	ASTM D624	—

Benchmarked against a 'Diamond' reference sample.

Disclaimer: Values are typical and given in good faith; they are subject to normal production tolerance and do not constitute a warranty. The buyer is responsible for verifying suitability for their own application and process.