

RB-35 Compound

Polymer — TPE Compound

Document No.	TI/TDS/CMP-02	Grade Code	TI-CMP-RB35
Issue Date	06-08-2026	Revision	00

RB-35 is a thermoplastic elastomer (TPE) compound for injection-moulded and extruded articles.

Typical applications: Footwear, extruded profiles & moulded goods.

SPECIFICATIONS

Parameter	Unit	Test Method	Typical Value	± Tol.
Density (23 °C)	g/cm³	DIN 53479 (A)	0.92	0.01
Tensile strength (at break)	kg/cm²	DIN 53504	78	5
Elongation (at break)	%	DIN 53504	1368	50
Tear strength	kg/cm	DIN 53515	68	4
Abrasion	mm³	DIN 53516	138	20
Hardness	Shore A	DIN 53505	38	2

Test conditions: 21.8 °C, 52% RH. Tested on injection-moulded sheet & dumbbell, conditioned at 23 °C for 24 h.

Values are average lot values and are a guideline only. For better processability, pre-heat material at 60–80 °C for ~30 min.

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.