

Scolefin[®] 45 B 20-9

Polypropylene
Prime Compound

Description:

PP copolymer, 50% barium sulphate filled, black colour, for injection moulding applications.

General

MFI (230°/2,16kg)	ISO 1133	10	g/10min
Density	ISO 1183	1,53	g/cm ³

Thermal

Vicat softening point (B50 (50N))	ISO 306	65	°C
O.I.T. (200°C)	ISO 11357-6	> 15	min

Mechanical

Charpy notched impact strength (23 °C)	ISO 179	10	kJ/m ²
Tensile stress at yield	ISO 527	18	MPa
Tensile stress at break	ISO 527	14	MPa
Elongation at break	ISO 527	60	%
Flex modulus	ISO 178	1600	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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