

Scolefin® 51 G 29

Polypropylene
Prime Compound

Description:

Polypropylene copolymer, 15% glass fibre filled, chemically coupled

General

MFI (230°/2,16kg)	ISO 1133	8	g/10min
Density	ISO 1183	1,0	g/cm ³
Linear mould shrinkage	ASTM D955	0,5-0,9	%

Thermal

HDT/A (1,82MPa)	ISO 75A	108	°C
Vicat softening point (B50 (50N))	ISO 306	99	°C
Ball pressure test (75°C)	IEC 60695-10-2	pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	10	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	4	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	46	MPa
Tensile strength at break (23 °C)	ISO 527	41	MPa
Elongation at break (23 °C)	ISO 527	5	%
Tensile modulus (23 °C)	ISO 527	3000	MPa
Flexural modulus (23 °C)	ISO 178	2700	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB
Flammability (3,2mm)	UL94 (tested internally)	HB

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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