

Scolefin[®] CT 4210

Polypropylene
Prime Compound

Description:

Polypropylene copolymer 20% talcum filled, Flame Retardant V0 (Deca-BDE free)

General

MFI (230°/2,16kg)	ISO 1133	10	g/10min
Density	ISO 1183	1.33	g/cm ³
Linear mould shrinkage	ASTM D955	0.8 - 1.2	%

Thermal

HDT/A (1,82MPa)	ISO 75A	58	°C
Vicat softening point (B50 (50N))	ISO 306	65	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	5	kJ/m ²
Tensile stress at yield	ISO 527	24	MPa
Tensile stress at break	ISO 527	18	MPa
Elongation at break	ISO 527	10	%
Flex modulus	ISO 178	2300	MPa

Flammability

Flammability (3,2mm)	UL94	V0	
Glow wire flammability index (2,0mm)	IEC 606243-2-12	960	°C
Flammability (1,6mm)	UL94	V0	

Remark:

UL94 officially approval file number: E103497

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.

Ravago Group Headquarters

Moerenstraat 85A
B - 2370 Arendonk

Tel: +32 (0)14 67 25 11
Fax: +32 (0)14 67 20 12

www.ravago.com
manufacturing@ravago.com

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