polycase

Datasheet of Polycarbonate, Gray 15% glassfiber reinforced, used for SK - Series

Application	For all kind of moulding parts with increased demand of stiffness.

Properties	Norm	Unit	Value
Density	ISO 1183	g/cm³	1,300
MFI 300℃/1,2 kg	ISO 1133	g/10 min	8,0
Impact strength Charpy (Notched 23℃), dry	ISO 179	kJ/m²	8
Tensile-modulus, dry	ISO 527	MPa	4800
Tensile strength, dry	ISO 527	MPa	80
Elongation at break, dry	ISO 527	%	2,5
Elongation at yield, dry	ISO 527	%	1,80
HDT 1,81 MPa	ISO 75	℃	140
Vicat B/50	ISO 306	℃	145
CTI	IEC 60112	V	175
Flammability 1,5 mm wall thickness	UL 94		V-2
Water absorption	ISO 62	%	0,30
Processing guidelines			
Processing temperature		℃	270-300
Predrying		℃ / h	120 / 4

The datasheet provided to you is based on our present knowledge and experience. All descriptions, drawings, photographs, data, proportions, weights, etc. provided herein are subject to change without prior notice and do not constitute assured properties or conditions of the product. Compliance with any existing laws and regulations is the responsibility of the recipient.