

■ Technical Information

TEREZ[®] PA 6 7400 GK30

Description 30% glass beads reinforced Polyamide 6, good flowability and higher stiffness.

Application Long moulding parts, short cycletime and well balanced shrinkage, good demoulding characteristics.

Properties	Norm	Unit	Value
Density	ISO 1183	g/cm ³	1,330
Impact strength Charpy (Notched 23°C), dry	ISO 179	kJ/m ²	4
Impact strength Charpy 23°C, dry	ISO 179	kJ/m ²	55
Tensile-modulus, dry	ISO 527	MPa	4100
Tensile strength, dry	ISO 527	MPa	75
Elongation at break, dry	ISO 527	%	9,00
Stress at break, dry	ISO 527	MPa	70
Elongation at yield, dry	ISO 527	%	2,00
Tensile stress at yield, dry	ISO 527	MPa	85
HDT 0,45 MPa	ISO 75	°C	175
HDT 1,81 MPa	ISO 75	°C	70
CTI	IEC 60112	V	500
Volume resistivity, dry	IEC 60093	Ohm * m	1E15
Surface resistivity, dry	IEC 60093	Ohm	1E14
UL 94 1,6 mm	acc. to UL 94		HB
Water absorption	ISO 62	%	6,00
Moisture absorption	ISO 62	%	2,00
Processing guidelines			
Processing temperature		°C	240-270
Predrying		°C / h	80 / 4