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RAMSHINE PV300G6BK10

ABS+ GF

Product Description:

RAMSHINE PV300G6BK10 is Black, 30% Glass Fiber Reinforced ABS, Injection Molding Applications

Product Information:

Characteristic	Unit	Test method	Property value
Physical properties			
Density	g/cm ³	ISO 1183	1.27
MFI (220/10kg)	g/10min	ISO 1133	6
Moisture Absorption	%	ISO-62	0.05 - 0.15
Mold Shrinkage Flow 2mm	%	INTERNAL	0.05 - 0.2
Mechanical properties			
STRAIN AT BREAK AT 110C	%	ISO 527-2/1A	5.5
STRAIN AT BREAK AT 80C	%	ISO 527-2/1A	2.6
Strain at Break	%	ISO 527-2/1A	1.45
TENSILE MODULUS AT 110C	MPa	ISO 527-2/1A	102
TENSILE MODULUS AT 80C	MPa	ISO 527-2/1A	1520
TENSILE STRENGTH AT 110C	MPa	ISO 527-2/1A	45
TENSILE STRENGTH AT 80C	MPa	ISO 527-2/1A	58
Tensile Modulus	MPa	ISO 527-2/1A	8850
Tensile Strength	MPa	ISO 527-2/1A	93
Impact properties			
Notched IZOD Impact	kJ/m ²	ISO 180	8

Regulations:

ROHS2: ROHS Compliance

SVHC: SVHC Compliance

Processing recommendations:

Recommended Mold Temperature: 60 - 90 °C

Feed: 60 - 70 °C

Zone 1: 210 - 230 °C

Zone 2: 210 - 230 °C

Zone 3: 215 - 230 °C

Revision #2
Revision Date: 18 Jan 2017

The technical data contained herein are guides to use Polyram resins. Information contained herein is to the best knowledge, true and assure. The customer is nevertheless obliged to run an incoming material control.