

DURANEX® 701AC

Polyplastics - Polycarbonate + PBT

General Information

Product Description

For Connector Of Automobile

GF15% Reinforced

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Uses	• Automotive Applications • Connectors
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT+PC-I-GF15<

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	12900	psi	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	656000	psi	ISO 178
Flexural Stress	19700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.9	ft·lb/in ²	ISO 179/1eA
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	75		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	396	°F	ISO 75-2/A
CLTE - Flow (73 to 131°F)	2.2E-5	in/in/°F	Internal Method
CLTE - Transverse (73 to 131°F)	4.4E-5	in/in/°F	Internal Method
Electrical	Nominal Value	Unit	Test Method
Electric Strength (0.118 in)	480	V/mil	IEC 60243-1
Additional Information	Nominal Value	Unit	Test Method
Color Number	EF2001/ED3002		

