

DURANEX® H7500N

Polyplastics - Polycarbonate + PBT

General Information

Product Description

Higher Impact Resistant

Unfilled, Natural Color

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• High Impact Resistance
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT+PC<

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8120	psi	ISO 527-2
Nominal Tensile Strain at Break	65	%	ISO 527-2
Flexural Modulus	313000	psi	ISO 178
Flexural Stress	12000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	24	ft·lb/in ²	ISO 179/1eA
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	60		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	234	°F	ISO 75-2/A
CLTE - Flow (73 to 131°F)	5.6E-5	in/in/°F	Internal Method
CLTE - Transverse (73 to 131°F)	5.6E-5	in/in/°F	Internal Method

