

XENOY™ RESIN 6620

REGION ASIA

DESCRIPTION

PBT+PC, Unreinforced, impact modified thermoplastic alloy. Outstanding impact at low temperature

TYPICAL PROPERTY VALUES

Revision 20180905

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yld, Type I, 50 mm/min	43	MPa	ASTM D 638
Tensile Strain, brk, Type I, 50 mm/min	175	%	ASTM D 638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	64	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	1720	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	801	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	60	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.2	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm	1.4 – 2	%	SABIC method
INJECTION MOLDING			
Drying Temperature	120	°C	
Drying Time	3 – 4	hrs	
Drying Time (Cumulative)	12	hrs	
Melt Temperature	250 – 290	°C	
Mold Temperature	55 – 80	°C	

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