

XENOY™ RESIN 6620

REGION ASIA

DESCRIPTION

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

TYPICAL PROPERTY VALUES

Revision 20260421

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yld, Type I, 50 mm/min	43	MPa	ASTM D638
Tensile Strain, brk, Type I, 50 mm/min	175	%	ASTM D638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	64	MPa	ASTM D790
Flexural Modulus, 1.3 mm/min, 50 mm span	1720	MPa	ASTM D790
IMPACT			
Izod Impact, notched, 23°C	850	J/m	ASTM D256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	60	°C	ASTM D648
PHYSICAL			
Specific Gravity	1.2	-	ASTM D792
Mold Shrinkage, flow, 3.2 mm	1.5 – 2	%	SABIC method
FLAME CHARACTERISTICS			
UL Yellow Card Link	E207780-101488597	-	-
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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