

Generic PMMA+PVC

Acrylic (PMMA) + PVC

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PMMA+PVC
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.52	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.30 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	93 to 114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	34.8 to 42.4	MPa	
23°C	41.1 to 74.5	MPa	
Tensile Elongation (Break, 23°C)	52 to 130	%	ASTM D638
Flexural Modulus (23°C)	2200 to 2560	MPa	ASTM D790
Flexural Strength			ASTM D790
23°C	62.5 to 82.5	MPa	
Yield, 23°C	54.1 to 71.8	MPa	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	58 to 960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	66.2 to 121	°C	
1.8 MPa, Annealed	71.5 to 78.9	°C	

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