

APEX® RM 8002A

Rigid Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® RM 8002A is a Rigid Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.28	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2960	MPa	ASTM D638
Tensile Strength ² (Break)	49.0	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus ³	2830	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	150	J/m	ASTM D256
Drop Impact Resistance ⁴ (23°C)	105	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	69.1	°C	ASTM D648
NOTE			
1.	5.1 mm/min		
2.	5.1 mm/min		
3.	1.3 mm/min		
4.	Procedure A, TUP		

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Recommended distributors for this material

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