



APEX® RM 8112

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Latin America • Asia Pacific • North America
Features	• Chemical Resistant • High Flow • High Impact Resistance
Uses	• General Purpose
Regulatory Statement	• Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	315000	psi	ASTM D638
Tensile Strength ² (Break)	5690	psi	ASTM D638
Tensile Elongation (Break)	62	%	ASTM D638
Flexural Modulus	351000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in, Injection Molded)	12	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec, Hand Held)	80		ASTM D2240

Additional Information

Special Features: Chemical Resistance to Sulfuric Acid

Data Sheet applies to color(s) listed below:

Clear (1070527)

02/2021-dmm

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.20 in/min