



APEX® RE 8118

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	360000	psi	ASTM D638
Tensile Strength ² (Break)	6300	psi	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus ³	350000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact 73°F, 0.125 in, Compression Molded	19	ft-lb/in	ASTM D256
Drop Impact Resistance ⁴ (73°F)	2.42	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed, 0.125 in	151	°F	ASTM D648

Notes

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

² 0.20 in/min

³ 0.050 in/min

⁴ Procedure A, TUP