



APEX® RE 9118A UV

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	1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	402000	psi	ASTM D638
Tensile Strength (Break)	7280	psi	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus ³	410000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in, Injection Molded)	2.9	ft-lb/in	ASTM D256
Drop Impact Resistance ⁴ (73°F, 0.500 in)	1.95	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	82		ASTM D2240

Additional Information

Deflection Temperature Under Load: 69.2
264 psi, Annealed 0.125", °C

Deflection Temperature Under Load: 61.3
264 psi, Unannealed 0.125", °C

Flame Rating - UL: Pending

Color - Spectrophotometer: Transparent / slight blue

Haze % - Spectrophotometer: 14.3

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