

APEX® RS 9118 UV

Rigid Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® RS 9118 UV is a rigid polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2770	MPa	ASTM D638
Tensile Strength (Break)	50.2	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus ²	2830	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	150	J/m	ASTM D256
Drop Impact Resistance (23°C, 12.7 mm)	86.7	J/cm	ASTM D4226
Additional Information			
Deflection Temperature Under Load: 69.2264 psi, Annealed 0.125", °CDeflection Temperature Under Load: 61.3264 psi, Unannealed 0.125", °CFlame Rating - UL: PendingColor - Spectrophotometer: Transparent / slight blueHaze % - Spectrophotometer: 14.3			
NOTE			
1.	5.1 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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