



APEX® RE 9218

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	390000	psi	ASTM D638
Tensile Strength ² (Break)	6000	psi	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus ³	400000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
73°F, 0.125 in, Compression Molded	19	ft-lb/in	
Drop Impact Resistance ⁴ (73°F)	2.52	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	81		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi, Annealed, 0.125 in	158	°F	

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Black 1 (1071898)
 Brown 1574 (1091037)
 Grey 3237 (1094826)
 Grey 3353 (1135886)
 Ivory 781 (1091032)
 Natural (1091027)
 Tan 2220 (1114553)
 Tan 2250 (1094827)
 White 1553 (1106603)
 White 1557 (1091029)
 White 1602 (1119610)
 White 1625 (1095686)
 White 1626 (1124471)
 White 1658 (1128047)

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