



APEX® RE 8219

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Latin America • North America
Features	• Good Dimensional Stability • Good Melt Strength • High Impact Resistance • Medium Gloss
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.
UL File NumberUSA	• QMFZ2 E54709
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	406000	psi	ASTM D638
Tensile Strength (Break)	6130	psi	ASTM D638
Flexural Modulus	399000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	19	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	83		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Annealed, 0.125 in	160	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating			
--	•	V-0	UL 94
	•	5VA	
--	•	V-0	CSA
	•	5VA	

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Black 1 (1053928)
Grey 3187 (1054863)
Natural (1054835)
Tan 2216 (1113361)
Tan 2342 (1135075)
White 1458 (1068783)

10/19 Core

Notes

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