

# APEX® RE 8114 UV

Teknor Apex Company - Rigid Polyvinyl Chloride

Tuesday, August 27, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Point of Purchase		
Agency Ratings	• UL 94		
Appearance	• Opaque		
Forms	• Pellets		

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	360000	psi	ASTM D638
Tensile Strength (Break)	6330	psi	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	355000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
73°F, 0.125 in, Compression Molded	14	ft-lb/in	
Drop Impact Resistance <sup>2</sup> (73°F, 0.500 in)	2.65	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	80		ASTM D2240

### Additional Information

HDT (Unannealed, 264 psi, 0.125 in bars) - 66.4 C

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Procedure A

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