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TEKNOR APEX

APEX® RD12A-017

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General		
Material Status	• Commercial: Active	
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America
Features	• Excellent Weather Resistance	• Good Processability
Uses	• Profiles	
Agency Ratings	• AAMA 303	• TSCA Listed on Inventory
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	• Powder	
Processing Method	• Extrusion	

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.46		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus - Tangent [2] (Injection Molded)	390000	psi	ASTM D638
Tensile Strength [2] (0.125 in, Injection Molded)	6740	psi	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	2.4	ft·lb/in	ASTM D256
Drop Impact Resistance			ASTM D4226
Compression Molded [3]	1.40	in·lb/mil	
Compression Molded [4]	> 3.80	in·lb/mil	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, 15 sec)	78		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
264 psi, Annealed, Injection Molded	161	°F	

Additional Information

Cell Class meets baseline requirement (1-20131-13) as specified by ASTM D4726.

10/22: sp

Notes

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

[2] Type I, 0.20 in/min

[3] Procedure A

[4] Procedure B