



APEX® 25-A0873A-85

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General	
Material Status	Commercial: Active
Availability	- Africa & Middle East - Asia Pacific - Latin America - North America
Features	- Flame Retardant - Low Temperature Resistant - Plasticized
Uses	Cable Jacketing
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
Processing Method	Wire & Cable Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2760	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Hand Held	85		
Shore A, 15 sec, Operating Stand	77		
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	176	°F	ASTM D794
Brittleness Temperature	-25.6	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Additional Information

Data Sheet applies to color(s) listed below:
Natural (1010441)

05/2025-dmm
02/2025-dmm

Notes

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