



APEX® 4855-1

Teknor Apex Asia Pacific PTE. LTD. - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2470	psi	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	89		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Maximum Continuous Use Temperature	194	°F	ASTM D794
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Additional Information

Typical temperature profile for processing APEX compound is from 160°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process APEX compound.

Notes

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