



APEX® S3600-85NT

Teknor Apex Asia Pacific PTE. LTD. - Semi-Rigid Polyvinyl Chloride

General Information

Product Description

APEX S3600-85NT is a Polyvinyl Chloride Extrusion Compound available in granular form.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Uses	• Hose		
Agency Ratings	• NSF STD-61		
Appearance	• Clear/Transparent	• Opaque	
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	2900	psi	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	83		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability (374°F)	> 30	min	ASTM D2115-92

Additional Information

Typical temperature profile for processing compound is from 135°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process.

Feeding zone 135°C

Compression zone 145°C ~ 155°C

Mixing zone 155°C ~ 165°C

Nozzle / Die zone 165°C ~ 180°C

Notes

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

² 20 in/min