



APEX® S04-A0368-110

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

General Information

Product Description

APEX S04-A0368-110 is an extrusion grade polyvinylchloride compound available in granular form. Generally used in the hose application.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	3190	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	54		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 160oC to 180oC. The optimum temperatures depend on the type of machine as well as screw design being used to process.

Feeding zone 160°C ~ 165°C

Compression zone 170°C ~ 175°C

Mixing zone 170°C ~ 180°C

Nozzle / Die zone 170°C ~ 180°C

Notes

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

² 20 in/min