

Technical Data Sheet

Centrex ASA 885A 90191 UVWHI



Acrylonitrile Styrene Acrylate

Product Description

Centrex ASA 885A 90191 UVWHI is a Acrylonitrile Styrene Acrylate material and is typically used in Coextrusion, Extrusion applications. Features include: Good Melt Strength, Good Weather Resistance, and Low Gloss.

Processing Method	Coextrusion; Extrusion
Attribute	Good Melt Strength; Good Weather Resistance; Low Gloss
Forms	Pellets
Application	Outdoor Applications; Profiles; Siding Substrate; Windows & Doors

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (220 °C/10.0 kg)	5.2	g/10 min	ASTM D1238
Density - Specific Gravity	1.12	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (5.1 mm/min)	23.0	MPa	ASTM D638
Tensile Strength at Break, (5.1 mm/min)	18.3	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Tangent)	1160	MPa	ASTM D790
Flexural Strength, (1.3 mm/min)	37.2	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	300	J/m	ASTM D256
Optical			
Gloss, (60°, 508 µm, Extruded Sheet)	3		ASTM D523

Extrusion Parameters	Nominal Value	Units
Drying Time	3.0 to 4.0	hr
Melt Temperature	177 to 204	°C
Suggested Max Moisture	<0.030	%
Die Temperature	177 to 191	°C
Suggested Max Re grind	40	%
Drying Temperature	82 to 93	°C