

## Technical Data Sheet

### Centrex ASA 885B 90192 UVWHI



Acrylonitrile Styrene Acrylate

#### Product Description

Centrex ASA 885B 90192 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.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (220 °C/10.0 kg)	4.2	g/10 min	ASTM D1238
Density - Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield, (5.1 mm/min)	23.1	MPa	ASTM D638
Tensile Strength at Break, (5.1 mm/min)	22.5	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Tangent)	1310	MPa	ASTM D790
Flexural Strength, (1.3 mm/min)	35.4	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact, (23 °C, 3.18 mm)	180	J/m	ASTM D256
<b>Optical</b>			
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