

Centrex ASA 885A 90191 UVWHI

LyondellBasell Industries - Acrylonitrile Styrene Acrylate

General Information

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.

General

Features	<ul style="list-style-type: none"> • Good Melt Strength • Good Weather Resistance • Low Gloss
Uses	<ul style="list-style-type: none"> • Outdoor Applications • Profiles • Siding Substrate • Windows & Doors
Forms	<ul style="list-style-type: none"> • Pellets
Processing Method	<ul style="list-style-type: none"> • Coextrusion • Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.12		ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	5.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	3340	psi	ASTM D638
Tensile Strength ² (Break)	2650	psi	ASTM D638
Flexural Modulus - Tangent ³	168000	psi	ASTM D790
Flexural Strength ³	5400	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	5.6	ft-lb/in	ASTM D256
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 20.0 mil, Extruded Sheet)	3		ASTM D523

Processing Information

Extrusion	Nominal Value	Unit
Drying Temperature	180 to 199	°F
Drying Time	3.0 to 4.0	hr
Suggested Max Moisture	< 0.030	%
Suggested Max Regrind	40	%
Melt Temperature	351 to 399	°F
Die Temperature	351 to 376	°F

Notes

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

² 0.20 in/min

³ 0.051 in/min