

Technical Data Sheet

Centrex ASA 885A 000000NAT



Acrylonitrile Styrene Acrylate

Product Description

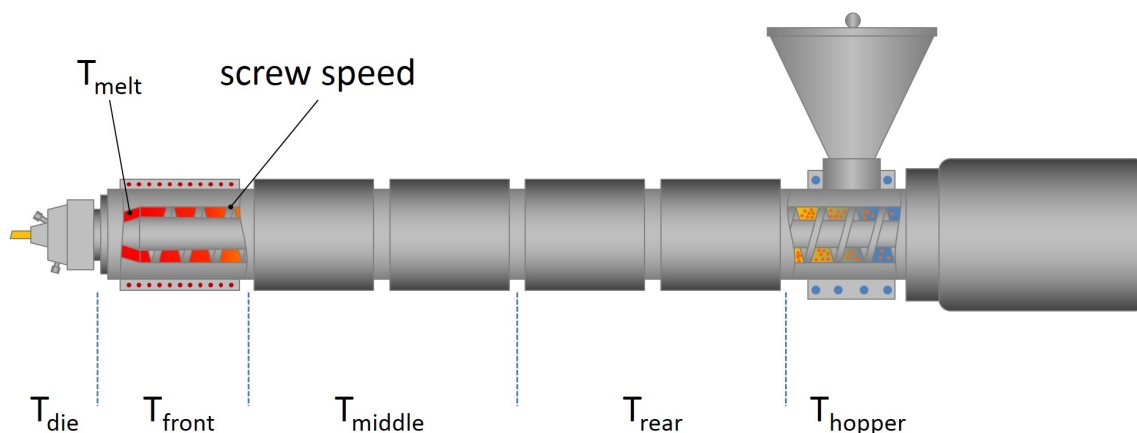
Centrex ASA 885A 000000NAT is a Acrylonitrile Styrene Acrylate material and is typically used in Coextrusion, Extrusion applications. Features include: Good Melt Strength, Good Weather Resistance, and Low Gloss.

Regulatory Status

For regulatory compliance information, see ASA 885A 000000NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Pending Approval
Availability	North America
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)	4.7	g/10 min	ASTM D1238
Density - Specific Gravity	1.06	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (5.1 mm/min)	25.1	MPa	ASTM D638
Tensile Strength at Break, (5.1 mm/min)	21.5	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Tangent)	1280	MPa	ASTM D790
Flexural Strength, (1.3 mm/min)	43.5	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 Regrind	40	%
Drying Temperature	82 to 93	°C

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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