

Technical Data Sheet



Centrex 885A

Acrylonitrile Styrene Acrylate
LyondellBasell Industries
Engineering Plastics

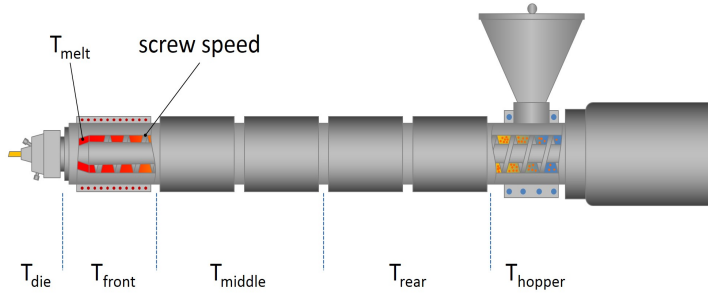
General			
Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Melt Strength	• Good Weather Resistance	• Low Gloss
Uses	• Outdoor Applications • Profiles	• Siding Substrate • Windows & Doors	
Forms	• Pellets		
Processing Method	• Coextrusion	• Extrusion	
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.06	1.06 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	4.7 g/10 min	4.7 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹			ASTM D638
Yield	3640 psi	25.1 MPa	
Break	3120 psi	21.5 MPa	
Flexural Modulus - Tangent ²	186000 psi	1280 MPa	ASTM D790
Flexural Strength ²	6310 psi	43.5 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 in (3.18 mm)	5.7 ft-lb/in	300 J/m	
Instrumented Dart Impact			ASTM D3763
73°F (23°C), Total Energy	150 in-lb	17.0 J	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	221 °F	105 °C	ASTM D1525 ³
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gloss ⁴			ASTM D523
60°, 20.0 mil (508 µm), Extruded Sheet	3	3	

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Extrusion	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	180 to 200 °F	82 to 93 °C
Drying Time	3.0 to 4.0 hr	3.0 to 4.0 hr
Suggested Max Moisture	< 0.03 %	< 0.03 %
Suggested Max Regrind	40 %	40 %
Melt Temperature	350 to 400 °F	177 to 204 °C
Die Temperature	350 to 375 °F	177 to 191 °C

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Notes

¹ 0.20 in/min (5.1 mm/min)

² 0.050 in/min (1.3 mm/min)

³ Rate B (120°C/h), Loading 1 (10 N)

⁴ 380°F

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

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

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