Technical Data Sheet

Centrex 885A

Acrylonitrile Styrene Acrylate
LyondellBasell Industries
Engineering Plastics

General			
Features	• Good Melt Strength	• Good Weather Resistance	• Low Gloss
Uses	• Outdoor Applications • Profiles	• Siding Substrate • Windows & Doors	
Agency Ratings	• EC 1907/2006 (REACH)	• EU 2002/96/EC (WEEE)	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Coextrusion	• Extrusion	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.08	1.08 g/cm³	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	3800 psi	26.2 MPa	
Break	2300 psi	15.9 MPa	
Flexural Modulus - Tangent [2]	220000 psi	1520 MPa	ASTM D790
Flexural Strength [2]	6600 psi	45.5 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)	4.0 ft·lb/in	210 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	225 °F	107 °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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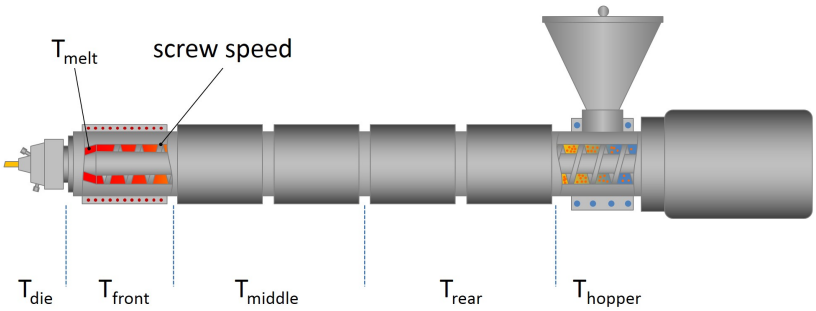

Extrusion	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	180 to 200 °F	82 to 93 °C
Drying Time	3.0 to 4.0 hr	3.0 to 4.0 hr
Suggested Max Moisture	< 0.03 %	< 0.03 %
Suggested Max Regrind	40 %	40 %
Melt Temperature	350 to 400 °F	177 to 204 °C
Die Temperature	350 to 375 °F	177 to 191 °C

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.