

Technical Data Sheet

Alcryn 5085 BK

Melt Processable Rubber
LyondellBasell Industries
Engineering Plastics

General			
Features	<ul style="list-style-type: none"> Chemical Resistant Good Weather Resistance Heat Aging Resistant High Energy Absorption 	<ul style="list-style-type: none"> Low Temperature Flexibility Noise Damping Oil Resistant Ozone Resistant 	<ul style="list-style-type: none"> UV Resistant Vibration Damping
Uses	<ul style="list-style-type: none"> Coating Applications Fabric Coatings Gaskets Handles 	<ul style="list-style-type: none"> Hose Seals Sheet Tubing 	<ul style="list-style-type: none"> Weatherstripping Wire & Cable Applications
Agency Ratings	<ul style="list-style-type: none"> EU 2002/96/EC (WEEE) 		
RoHS Compliance	<ul style="list-style-type: none"> RoHS Compliant 		
UL File NumberUsa	<ul style="list-style-type: none"> E51193 		
Appearance	<ul style="list-style-type: none"> Black 		
Forms	<ul style="list-style-type: none"> Pellets 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.19 g/cm ³	ASTM D792

Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	1370 psi	9.45 MPa	ASTM D412
Tensile Strength (Break)	1990 psi	13.7 MPa	ASTM D412
Tensile Elongation (Break)	180 %	180 %	ASTM D412
Compression Set			
75°f (24°c)	13 %	13 %	ASTM D395
158°f (70°c), 22 Hr	59 %	59 %	ASTM D395B

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	86	86	ASTM D2240

Additional Information

The values listed as Specific Gravity, ASTM D792, were tested in accordance with ASTM D471.
Melt Viscosity: 950 sec-1
Property Retention after 4000 hrs QUV: 91

Notes

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