

Technical Data Sheet

Accucomp ABS892DL

Acrylonitrile Butadiene Styrene
 LyondellBasell Industries
 Engineering Plastics

General

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| Features | • High Heat Resistance |
| Forms | • Pellets |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	1.07	1.07 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 Kg)	0.30 g/10 min	0.30 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Modulus	261000 psi	1800 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	7830 psi	54.0 MPa	
Break	6530 psi	45.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	12 %	12 %	
Flexural Modulus	392000 psi	2700 MPa	ASTM D790
Flexural Strength	11000 psi	76.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	3.3 ft·lb/in	180 J/m	ASTM D256
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Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
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Rockwell Hardness (R-scale)	109	109	ASTM D785
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Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	225 °F	107 °C	
264 Psi (1.8 Mpa), Unannealed	190 °F	88.0 °C	

Notes

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