

Technical Data Sheet

Diamond ABS TR5000 ASPL 6BUE



Acrylonitrile Butadiene Styrene

Product Description

Diamond ABS TR5000 ASPL 6BUE is a Acrylonitrile Butadiene Styrene material.

Regulatory Status

For regulatory compliance information, see ABS TR5000 ASPL 6BUE [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets
Appearance	Clear/Transparent
Additive	Antistatic

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (200 °C/5.0 kg)	2.4	g/10 min	ASTM D1238
Density - Specific Gravity	1.06	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min)	50.8	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	2760	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm, Method A)	120	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	112		ASTM D785
Thermal			
Deflection Temperature Under Load Annealed (264 psi), (3.18 mm)	82.8	°C	ASTM D648
Deflection Temperature Under Load Unannealed (264 psi), (3.18 mm)	65.0	°C	ASTM D648
Electrical			
Volume Resistivity	10000000000 0	ohm*cm	ASTM D257
Surface Resistivity	10000000000 0	ohm	ASTM D257
UL Information			
Flame Rating	HB		UL 94
UL File Number, (USA)	E150937		

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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