

Technical Data Sheet

Dexflex 1066LS-UV T1 C16001



Polypropylene Compounds

Product Description

Dexflex 1066LS-UV T1 C16001 is a thermoplastic olefinic elastomer (TPO) used for automotive exterior applications that require excellent low-temperature toughness in injection molded parts. Product is available as a customized color matched, pellet form. This grade is delivered in C16001 color version.

Regulatory Status

For regulatory compliance information, see Dexflex 1066LS-UV T1 C16001 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Low Temperature Toughness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	0.92	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	600	MPa	ISO 178
Tensile Stress at Yield	13.5	MPa	ISO 527-1, -2
Tensile Strain at Break	>400	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	52	kJ/m ²	ISO 180/1A
(-30 °C)	11	kJ/m ²	ISO 180/1A

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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