Technical Data Sheet

Indure X76-UV F9A John Deere Green

Polypropylene Compounds

Product Description

Indure X76 John Deere green is an engineered polyolefin resin that is typically used for exterior trim applications. It offers an excellent combination of scratch resistance, UV resistance, high-gloss part appearance, good processability and a balance of stiffness and impact resistance.

Regulatory Status

For regulatory compliance information, see *Indure* X76-UV F9A John Deere Green Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Processability; Good Stiffness; High Gloss; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	ISO 1133-1
Density	0.91	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	950	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m²	ISO 180
(0 °C)	7.4	kJ/m²	ISO 180
Hardness			
Shore Hardness, (Shore D)	55		ASTM D2240
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	48	°C	ISO 75A-1, -2
Optical			
Gloss, (60°)	85		ASTM D1003
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			