

## LyondellBasell Hifax,ç TRA-3263EC/1 Thermoplastic Olefin Resin

Category : Polymer , Thermoplastic

### Material Notes:

**Key Features:** fractional melt flow, high modulus, extrusion grade thermoplastic olefin resin, high flexural modulus, high impact strength, good surface appearance, excellent processability  
**Applications:** extruded profiles, luggage rack inserts  
**Description:** Hifax RTA-3263EC/1 fractional melt flow, mineral-filled, extrusion grade thermoplastic olefin resin has an excellent balance of stiffness, impact strength and processability. It was designed primarily for extruded automotive exterior applications. Information provided by Montell Polyolefins. LyondellBasell is the successor company to Montell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Hifax-TRA-3263EC1-Thermoplastic-Olefin-Resin.php](http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-TRA-3263EC1-Thermoplastic-Olefin-Resin.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	ASTM D792
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 230 °C	0.50 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	450 %	450 %	ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	7.40 J/cm	13.9 ft-lb/in	ASTM D256A
Gardner Impact	32.0 J @Temperature -30.0 °C	23.6 ft-lb @Temperature -22.0 °F	ASTM D3029
Tear Strength	140 kN/m	799 pli	ASTM D624

Thermal Properties	Metric	English	Comments
CTE, linear	47.0 Åµm/m-Å°C @Temperature -30.0 - 30.0 Å°C	26.1 Åµin/in-Å°F @Temperature -22.0 - 86.0 Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	100 Å°C	212 Å°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	58.0 Å°C	136 Å°F	ASTM D648

## **Contact Songhan Plastic Technology Co.,Ltd.**

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