

## LyondellBasell Hifax<sup>®</sup>,<sup>ç</sup> ETA-5081 Thermoplastic Olefin Resin

Category : Polymer , Thermoplastic

**Material Notes:**

**Key Features:** fractional melt flow, medium modulus, blow molding grade thermoplastic olefin resin, flexible, good impact resistance, good processability  
**Applications:** automotive ductwork, convoluted tubing  
**Description:** Hifax ETA-5081 fractional melt flow, blow molding grade thermoplastic olefin resin combines good processability with balanced strength, toughness and flexibility. It was designed for various automotive under-the-hood 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-ETA-5081-Thermoplastic-Olefin-Resin.php](http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-ETA-5081-Thermoplastic-Olefin-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	Tool, Montell
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 °C	0.80 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	61	61	ASTM D2240
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.480 GPa	69.6 ksi	Tangent at 0.05 in/min; ASTM D790A
Izod Impact, Notched	7.00 J/cm	13.1 ft-lb/in	ASTM D256A
Gardner Impact	29.0 J @Temperature -30.0 °C	21.4 ft-lb @Temperature -22.0 °F	ASTM D3029
Impact Test	26.0 J @Temperature -30.0 °C	19.2 ft-lb @Temperature -22.0 °F	Dynatup Impact, E at Max Load, Ductile; ASTM D3763
Tear Strength	110 kN/m	628 pli	ASTM D624

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China