

# Hifax EKC2038X

Polypropylene Copolymer

LyondellBasell Industries

## Message:

"Hifax" EKC 2038X is a medium melt flow, 30% mineral filled, polypropylene copolymer. The product features an excellent balance of flowability, impact strength and stiffness.

General Information	
Filler / Reinforcement	Mineral,30% Filler by Weight
Features	Copolymer
	Good Impact Resistance
	Good Stiffness
	Medium Flow
Uses	Automotive Applications
	Automotive Under the Hood

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	3.5	kJ/m <sup>2</sup>	
23°C	11	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	64.0	°C	ISO 75-2/A
Vicat Softening Temperature	56.0	°C	ISO 306/B50
CLTE - Flow	6.0E-5	cm/cm/°C	Internal Method

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