

# Hifax TRC 277P

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hifax TRC 277P is a high melt flow, 15% mineral filled polypropylene copolymer. The product features low CLTE with a good impact - stiffness balance. The grade is designed for side cladding application and UV stabilized for exterior application. Its formula is improved to offer better aspect especially on tiger stripes.  
Hifax TRC 277P is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Impact Resistance		
	Good Stiffness		
	High Flow		
	Non-Toxic		
Uses	Outdoor Applications		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	3.5	kJ/m²	
0°C	7.0	kJ/m²	
23°C	20	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	50.0	°C	ISO 306/B50

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