

## Technical Data Sheet

### Hifax TYC 2314P S72944



Polypropylene Compounds

#### Product Description

Hifax TYC 2314 S72944 is a 5% talc filled PP copolymer, with excellent impact/stiffness balance, good flowability, very good surface appearance, very good UV resistance and excellent processability. Formula is improved to offer better aspect, especially on tiger stripes. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. Please contact lyondellbasell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in S72944 color version.

<b>Application</b>	Bumpers; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flow; Good Processability; Good UV Resistance; Low Density

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ISO 1133-1
Density, (23 °C)	0.95	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1100	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	16	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	3.0	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	n.b.	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	124	°C	ISO 306

