

Technical Data Sheet

CirculenRecover PPC TYC 1351X Bk

Polypropylene Compounds

Product Description

Circulen Recover PPC TYC 1351X NA BLK is a high flow thermoplastic olefinic elastomer (TPO) with very good balance of properties and processability. It is used for exterior painted applications and contains recycled polypropylene resin.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Flow; Good Impact Resistance; Good Moldability; High Stiffness; Low Density

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	0.96	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1400	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	20	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	35	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.