

Technical Data Sheet

CirculenRecover PPC TKC 2277X Black



Polypropylene Compounds

Product Description

CirculenRecover PPC TKC 2277X is a 15% talc filled PP copolymer with good processability, good impact/stiffness balance, low shrinkage for painted automotive exterior applications. Product is available in black color, pellet form.

Sustainability

According to the requirements of Standard ISO 14021:2016, CirculenRecover PPC TKC 2277X contains 10% of recycled material that is fully based on Pre-Consumer Waste from material diverted from waste stream during the manufacturing process.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flow; Impact Modified; Low Shrinkage; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Density, (23 °C)	1,0	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1650	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C, 50 mm/min)	17	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	25	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m²	ISO 179-1/1eA
(-30 °C)	4,5	kJ/m²	ISO 179-1/1eA