

Technical Data Sheet

Hostacom RC EKC 2300L NAT



Polypropylene Compounds

Product Description

Hostacom RC EKC 2300L NAT is a Circular Compound, formulated on mechanical recycled sourcing. It is a 40% talc filled PP with medium melt flow.

Product is not yet UL certified.

Sustainability

According with the requirements of Standard ISO 14021:2016, EXP Hostacom CC EKC 2300L NAT contains at least 55% of recycled material that is fully based on Post-Consumer Waste (PCW).

Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	14	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.24	g/cm³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	3000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	25	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	3	kJ/m²	ISO 179-1/1eA
(0 °C)	1.5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	23	kJ/m²	ISO 179-1/1eU
(0 °C)	15	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature			
(A50)	144	°C	ISO 306
(B50)	73	°C	ISO 306
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	60	°C	ISO 75A-1, -2
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2

