

## Technical Data Sheet

# CirculenRecover PPC PPU X9067HS C12A19



Polypropylene Compounds

### Product Description

*CirculenRecover* PPC PPU X9067HS C12A19 with recycling content is a Circular Compound, formulated on mechanical recycled sourcing. It is an unfilled PP copolymer, with high melt flow rate, high toughness and increased stiffness. This grade is delivered in C12A19 color version. New colors can be developed depending on customer requirements.

### Sustainability

According with the requirements of Standard ISO 14021:2016, *CirculenRecover* PPC PPU X9067HS C12A19 contains approx. 30% of recycled material (GK3 material according VW 50026, Oct 2020) 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.*

<b>Application</b>	Automotive Parts; Interior Trims
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Crystalline; High Stiffness; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1350	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	25	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	145	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	52	°C	ISO 75A-1, -2