

TOTAL Polypropylene PPC 7650

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

Polypropylene PPC 7650 is a nucleated heterophasic copolymer with a Melt Flow Index of 15 g/10 min.
Polypropylene PPC 7650 is characterized by a medium fluidity offering a combination of ease of processing and excellent impact properties in applications ranging from industrial to household.
Polypropylene PPC 7650 has been developed for the manufacture of garden furniture, battery cases, caps, closures, paint containers and toys.

General Information			
UL YellowCard	E72824-100989251		
Additive	Nucleating Agent		
Features	Good Impact Resistance		
	Good Processability		
	Medium Flow		
	Nucleated		
Uses	Battery Cases		
	Caps		
	Closures		
	Containers		
	Furniture		
	Household Goods		
	Industrial Applications		
	Toys		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Apparent Density	0.53	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Tensile Stress (Yield)	26.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	5.0	kJ/m ²	
23°C	10	kJ/m ²	
Notched Izod Impact Strength			ISO 180
-20°C	5.5	kJ/m ²	
23°C	9.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	92.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	52.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	145	°C	ISO 306/A50
--	75.0	°C	ISO 306/B50
Melting Temperature (DSC)	165	°C	ISO 3146

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT