

# Exelene® PP C1204

Polypropylene Impact Copolymer

Montachem International, Inc.

Message:

Exelene® PP C1204 is a Polypropylene Impact Copolymer (PP Impact Copolymer) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Exelene® PP C1204 include consumer goods, containers, food contact applications and seating.

Characteristics include:

Antioxidant

Antistatic

Copolymer

Food Contact Acceptable

Nucleated

General Information			
Additive	Antioxidant		
	Antistatic		
	Nucleating Agent		
Features	Antioxidant		
	Antistatic		
	Food Contact Acceptable		
	Impact Copolymer		
	Nucleated		
Uses	Seats		
	Tool/Tote Box		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	24.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup> (3.20 mm)	1100	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	120	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	83.0	°C	ASTM D648
NOTE			
1.	Type IV, 50 mm/min		
2.	Type IV, 50 mm/min		
3.	Type I, 13 mm/min		

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

