

Seblex® 7848

Polypropylene
PolyPacific Pty. Ltd.

Message:

Seblex 7848 is an oil extended thermoplastic styrenic rubber modified polypropylene compound. It has been formulated with ingredients referenced under the U.S. Code of Federal Regulations Volume 21. It is a low flow injection moulding grade developed for maximum flexibility and low surface hardness to give it "soft-feel" characteristics.

General Information			
Additive	Rubber		
Features	Good Flexibility		
	Low Flow		
	Low Hardness		
RoHS Compliance	RoHS Compliant		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.888	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 2.00 mm	37		
Shore A, 5 sec, 2.00 mm	33		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain, 2.00 mm	0.800	MPa	
300% Strain, 2.00 mm	1.50	MPa	
Tensile Strength ² (Break, 2.00 mm)	3.20	MPa	ASTM D412
Tensile Elongation ³ (Break, 2.00 mm)	500	%	ASTM D412
Tear Strength ⁴ (2.00 mm)	14.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Regrind	10	%	
Processing (Melt) Temp	190 to 230	°C	
Mold Temperature	15.0 to 50.0	°C	
Injection Rate	Fast		
NOTE			
1.	500 mm/min		

2.	500 mm/min
3.	500 mm/min
4.	Die C, 500 mm/min

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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

