

Seblex® 7850

Rubber

PolyPacific Pty. Ltd.

Message:

Seblex 7850 is an oil extended, calcium carbonate filled, thermoplastic styrenic rubber compound. It is an injection moulding grade developed for flexibility and low surface hardness to give it "soft-feel" characteristics.

General Information			
Filler / Reinforcement	Calcium Carbonate		
Features	Good Flexibility		
	Low Hardness		
Uses	Industrial Applications		
RoHS Compliance	RoHS Compliant		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 2.00 mm	65		
Shore A, 5 sec, 2.00 mm	61		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain, 2.00 mm	1.60	MPa	
300% Strain, 2.00 mm	2.50	MPa	
Tensile Strength ² (Break, 2.00 mm)	5.00	MPa	ASTM D412
Tensile Elongation ³ (Break, 2.00 mm)	640	%	ASTM D412
Tear Strength ⁴ (2.00 mm)	19.0	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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