

Retpol® PDR 7826 UV2

Rubber

PolyPacific Pty. Ltd.

Message:

Seblex PDR 7826 UV2 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. This material is UV stabilized for intermittent outdoor exposure.

General Information			
Filler / Reinforcement	Calcium Carbonate		
Additive	UV Stabilizer		
Features	Good Flexibility		
	Low Hardness		
Uses	Rollers		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 2.00 mm	78		
Shore A, 5 sec, 2.00 mm	75		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain, 2.00 mm	4.00	MPa	
300% Strain, 2.00 mm	4.90	MPa	
Tensile Strength ² (Break, 2.00 mm)	5.60	MPa	ASTM D412
Tensile Elongation ³ (Break, 2.00 mm)	450	%	ASTM D412
Tear Strength ⁴ (2.00 mm)	27.0	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

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