

Retpol® PDR 7813/2 UV2

Polypropylene

PolyPacific Pty. Ltd.

Message:

Seblex PDR 7813/2 UV2 is an oil extended thermoplastic styrenic rubber modified polypropylene compound. It is a low flow extrusion grade developed for flexibility and low surface hardness to give it "soft- feel" characteristics. The material has been UV stabilized for intermittent exposure to UV radiation.

General Information	
Additive	Rubber
	UV Stabilizer
Features	Good Flexibility
	Low Flow
	Low Hardness
Forms	Granules
Processing Method	Extrusion
	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 2.00 mm	85		
Shore A, 5 sec, 2.00 mm	82		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain, 2.00 mm	5.00	MPa	
300% Strain, 2.00 mm	6.50	MPa	
Tensile Strength ² (Break, 2.00 mm)	8.20	MPa	ASTM D412
Tensile Elongation ³ (Break, 2.00 mm)	450	%	ASTM D412
Tear Strength ⁴ (2.00 mm)	40.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Suggested Max Regrind	10	%	
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	2.0	hr	
Cylinder Zone 1 Temp.	180 to 220	°C	

Cylinder Zone 2 Temp.	180 to 220	°C
Cylinder Zone 3 Temp.	180 to 220	°C
Cylinder Zone 4 Temp.	180 to 220	°C
Cylinder Zone 5 Temp.	180 to 220	°C
Melt Temperature	190 to 210	°C
Die Temperature	190 to 210	°C

NOTE

- | | |
|----|-------------------|
| 1. | 500 mm/min |
| 2. | 500 mm/min |
| 3. | 500 mm/min |
| 4. | Die C, 500 mm/min |

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