

# Petlon R-Prime P3-MF15-00-BK

Polycarbonate + PET

Petlon Polymers Ltd

## Message:

PC/PET, Recycled, 15% Mineral Filled, Black Compound

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Recycled Content	Yes		
Features	Filled		
Appearance	Black		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (270°C/5.0 kg)	100	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	68.0	MPa	ISO 527-2
Tensile Strain (Break)	3.6	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.5	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	48	kJ/m <sup>2</sup>	ISO 179/1eU
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0 to 12	hr	
Processing (Melt) Temp	270	°C	
Mold Temperature	70.0	°C	

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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



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