

## Shinil Chemical SHINCON PES-CNT Magazine Rack

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

### Material Notes:

Magazine Rack is used to transfer, handle, and bake lead frame or PCB substrate in semiconductor and LED packaging assembly process. Current Metal Magazine is made of anodized aluminum which is expensive due to slow metal machining and anodizing process. Plastic Magazine is a viable alternative because it can increase productivity by fast injection molding and significantly improve the technical properties by CNT formulation. More important, the plastic material is lighter in weight because the specific gravity of the plastic is only half compared to aluminum. Overall plastic magazine will increase work performance of line operators due to easy handling as well as cost effectiveness. Information Provided by Shinil Chemical Industry Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shinil-Chemical-SHINCON-PES-CNT-Magazine-Rack.php](http://www.lookpolymers.com/polymer_Shinil-Chemical-SHINCON-PES-CNT-Magazine-Rack.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.63 g/cc	1.63 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	123 MPa	17800 psi	
Flexural Strength	215.82 MPa	31302 psi	
Flexural Modulus	10.8 GPa	1560 ksi	
Izod Impact, Notched	0.981 J/cm	1.84 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	215 Å°C	419 Å°F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	70000 ohm-cm	70000 ohm-cm	

Processing Properties	Metric	English	Comments
Processing Temperature	340 Å°C	644 Å°F	

## Contact Songhan Plastic Technology Co.,Ltd.

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