



Dongguan Dingzhi Polymer Materials Co., LTD
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Technical Datasheet

Model: DZ-TPR-65A

Material: 100% RECYCLED TPR

Processing method: Injection molding

Test Items	Test method	Test Unit	Test Results
Hardness	ISO R 868	Shore	65±2A
Specific Gravity	ASTM D-792	g/cm ³	1.208
Melt Index	ISO 1133	g/10min	7.8/2.16KG
DIN friction loss	DIN-53516	mm ³	312
Tear strength	ASTM D-624	kN/m	41.2
Tensile strength	ASTM D-412	Kg/cm ²	48.5
Breaking elongation	ASTM D-412	%	185
100% modulus	ASTM D-412	Kg/cm ²	43.2
Anti-UV/anti-yellowing	Solar lamp 300W/50 degrees/24hrs		
Transparency	Step test piece visual inspection		

Production Process:

Drying material requirements: Please dry at 90-100°C for 3-4 hours;

Injection molding temperature: 165-170 degrees for the first stage, 175-190 degrees for the second stage, and 175-185 degrees for the third stage.

Pressure: 75-110 Pa

Remark

1-The above data are actual values measured by the company's internal testing center and are for reference only.

2-Please do the sample testing before bulk production. to confirm the material is suitable for buyer's applicable processes, uses and standards.

3-The performance of the product may vary due to mold design and machine design.

4-Dingzhi Polymer offer online technical support for 24x7.