

## *Micronized Rubber Powder* *PolyDyne 140*

A free flowing powdered material that easily disperses in formulations and can provide significant cost savings without sacrificing performance. Its fine particle gives smooth surfaces on extruded rubber parts and may provide longer fatigue life in rubber parts used in a dynamic application than typical crumb rubber. Is considered a “green” material as it is made from end-of-life tires.

### DESCRIPTION

A free flowing black powder produced from recycled rubber material as defined by ASTM D 5603-01 Grades 1, 2, 3, and 4.

### SPECIFICATION PROPERTIES

PD-140-TR				
<i>Property</i>	<i>Test Method</i>	<i>Units</i>	<i>Size</i>	<i>Specifications</i>
Particle Size	ASTM D5644-01	% Retained	120 Mesh (125 $\mu$ )	<1
			140 Mesh (105 $\mu$ )	<10
			Minus 200 Mesh (75 $\mu$ )	>30
Metal Content	ASTM D5603	%		0.05 max
Fiber Content	ASTM D5603	%		0.01 max
Moisture Content	ASTM D1509	%		0.5 max
Polymer RHC	ASTM E 1131-03 (Pyris 1 TGA)	%		42 min
Carbon Black	ASTM E 1131-03 (Pyris 1 TGA)	%		25-35
Inorganic Material	ASTM E 1131-03 (Pyris 1 TGA)	%		11 max
Specific Gravity	ASTM D 1817			1.14 +/- 0.03

### PACKAGING

- Super Sacks: FIBC 2,000 lb & 1,000 lb nominal
- Paper Bags: 30 lbs
- Plastic Bags, regular or low melt
- Bulk containers if required
- Special moisture-proof if required
- Skid Size: 40 X 48
- Total Skid Weight: 2,000 lbs./1 Ton

### FREIGHT

Pricing is FOB Tucker, GA. Normal transport is by truck. Rail and maritime shipping is available.