

Micronized Rubber Powder ***PolyDyne 40***

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-040-TR | | | | |
|------------------------|------------------------------|---------------------|-----------------------|------------------------------|
| <i>Property</i> | <i>Test Method</i> | <i>Units</i> | <i>Size</i> | <i>Specifications</i> |
| Particle Size | ASTM D5644-01 | % | <i>30 Mesh (600μ)</i> | <1 |
| | | Retained | <i>40 Mesh (400μ)</i> | <10 |
| Metal Content | ASTM D5603 | % | | 0.1 max |
| Fiber Content | ASTM D5603 | % | | 0.1 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) | % | | 8 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.