

## High Density Polyethylene

# TechResin® 9404

**Melt Index: 4.8 g/10min**

**Density: 0.947 g/cm<sup>3</sup>**

### Features

- Low warpage
- Good impact resistance
- Excellent stiffness

### Applications

- Roll-out carts

### Additives

- Elevated levels of processing antioxidant

Typical properties (not to be construed as specifications)		Value (English)	Value (SI)	Method
Resin Properties	Melt Index (190°C/2.16kg)	4.8 g/10min		ASTM D1238
	Density	0.947 g/cm <sup>3</sup>		ASTM D4883
Physical Properties	Tensile Strength at Yield (2 in/min; 50 mm/min)	3200 psi	22 MPa	ASTM D638
	Elongation at Yield (2 in/min; 50 mm/min)	1000 %	1000 %	ASTM D638
	Flexural Modulus (Tangent Method)	124,700 psi	860 MPa	ASTM D790A
	Shore D Hardness	65	65	ASTM D2240
	Vicat Softening Temperature	252 °F	122 °C	ASTM D1525

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