



UHM 2504

Ultra High Molecular weight Polyethylene

Products with superior Impact Strength, Abrasion Resistance & Self-Lubricating Properties.

Relene UHM 2504 is a linear Polyethylene resin produced using slurry process. The extremely high molecular weight is ideally suited for products where good abrasion resistance, impact strength, self-lubricating properties, ability to withstand sub-zero temperatures, good chemical resistance and zero water absorption are required.

TYPICAL CHARACTERISTICS*

Property	Test Method	Unit	Typical Value**
RSV	ASTM D4020	dl/g	25
Density (23 ^o C)	ASTM D792	gm/cm ³	0.933
Bulk Density	ASTM D1895	gm/cm ³	0.45

*Typical Characteristics and not to be taken as specifications

APPLICATIONS :

Various Engineering Applications in Textile Industry, Engineering Industry, Food Industry, Electrical Industry, Refrigeration, Coal & Mining Industry, Ship Building/Ports, Orthopedics, Sports, Slurry Transport and Electroplating..

Regulatory Information

Meets the requirement stipulated in standard IS: 10146-1982 on "Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water". It also conforms to positive list of constituents as prescribed in IS: 10141-1982. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21.177.1520, Olefin polymers.

Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

Reliance industries Limited,