

Ultra-high molecular weight polyethylene FGP-3005U series



Specifications for Catalyst

Appearance	Light yellow powder
Particle Size Distribution (V, 0.5) μm	3.0 ~ 6.5
Titanium Content (Mass Fraction) %	3.5 ~ 6.5
Activity (g polypropylene/g catalyst)	$\geq 1.5 \times 10^4$

Specifications for Polymer

Bulk Density (g/cm ³)	≥ 0.31
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Usage Notes

Properties	It features a small average particle size with adjustable particle size distribution and excellent molecular weight control. It exhibits high polymer bulk density, low oligomer content, and superior mechanical properties. The polymer particles have good morphology and a narrow size distribution.
Applications	It is suitable for slurry process technology and can be used in the production of bulletproof vests, artificial joints, and fishing net fibers.
Packaging	The product is packaged in galvanized steel drum. Height: 880 mm, Outer diameter: \varnothing 565 mm, Net weight: \leq 50 kg.