



# FGP-2040

## Specifications for Catalyst

Appearance	Light gray-yellow powder
Particle Size Distribution (V, 0.5) $\mu\text{m}$	30 ~ 50
Titanium Content (Mass Fraction) %	2.0 ~ 3.5
Ester Content (Mass Fraction) %	8.0 ~ 15.0
Activity (g polypropylene/g catalyst)	$\geq 5.2 \times 10^4$

## Specifications for Polymer

Isotactic Index (Mass Fraction) %	$\geq 97.0$
Bulk Density (g/cm <sup>3</sup> )	$\geq 0.47$

## Usage Notes

Properties	It features a narrow particle size distribution with controllable and adjustable sizes. It offers high polymerization activity, excellent isotactic orientation, and adjustable syndiotactic index. It performs well in copolymerization, enabling the production of high-rubber-content impact-resistant copolymers. Additionally, it has good hydrogenation sensitivity, optimal particle morphology, and minimal fine powder.
Applications	It is applicable to single-ring tube, double-ring tube, and ring-tube gas-phase processes, and can be used to produce homopolymers, impact-resistant copolymers, binary and ternary random copolymers, and other products.
Packaging	The product is packaged in galvanized steel drums. Height: 880 mm, Outer diameter: $\varnothing$ 565 mm, Net weight: $\leq$ 80 kg.