



# FGP-2040-HS

## Specifications for Catalyst

Appearance	Earth brown powder
Particle Size Distribution (V, 0.5) $\mu\text{m}$	30 ~ 50
Titanium Content (Mass Fraction) %	2.0 ~ 3.5
Activity (g polypropylene/g catalyst)	$\geq 7.0 \times 10^4$

## Specifications for Polymer

Isotactic Index (Mass Fraction) %	$\geq 97.0$
Bulk Density (g/cm <sup>3</sup> )	$\geq 0.42$

## Usage Notes

### Properties

It exhibits high polymerization activity, narrow particle size distribution, in controllable and adjustable particle sizes. It has excellent hydrogenation sensitivity, high isotactic orientation ability, and an adjustable syndiotactic index. It also offers good copolymerization performance, optimal polymer particle morphology, minimal fine powder, low odor, and low VOC emissions. Especially suitable for high melt index and high rigidity products, it can maintain isotacticity without the need for external electron donors. It is characterized by independence from alkylaluminum and maintains reaction activity at low alkylaluminum concentrations, making it ideal for producing low-ash resin products.

### Applications

It is suitable for 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:  $\phi$  565 mm, Net weight:  $\leq 80$  kg.