

Polypropylene Powder

Characteristics

FLO-BLEN retains the raw material polypropylene properties of a high softening point, stiffness, and rigidity. FLO-BLEN exhibits small molding shrinkage providing good appearance and dimensional accuracy. Although its chemical resistance is equivalent to that of high-density polyethylene, FLO-BLEN stress cracking resistance is superior to that of polyethylene.

Grades and Physical Properties

Physical Properties of Raw Material Resins and Particle Size of Powders (Table 11)

Properties	Test Method	Unit	Grade
			B-200
Melt Flow Rate	JIS K6758	g/10min	0.5
Density	JIS K6758	g/cm ³	0.91
Tensile strength at break	JIS K6758	kg/cm ²	350
Elongation at break	JIS K6758	%	500
Rockwell hardness	JIS K7202	—	100
Softening point (Vicat)	JIS K7206	°C	155
Particle size	our method	Mesh	<ul style="list-style-type: none"> • 8~22 • 22~50 • 50 pass



Applications

FLO-BLEN is a polypropylene powder manufactured by our unique pulverizing method without sacrificing the excellent properties of polypropylene. It is used for sinter molding.

