

**Polypropylene Fiber Grade
Certificate of Qualified
Product**

Testing item	Unit	Quality item			Results	Testing standard
		High quality product	First-class product	Qualified product		
Color granule	pc/kg	≤5	≤10	≤20	0	SH/T 1541.1
Black granule	↑/kg	0			0	SH/T 1541.1
Large granule and small granule	g/kg				0.12	SH/T 1541.1
Snakeskin and tailing granule	↑/kg				9	SH/T 1541.1
(MFR) Melt mass-flow rate	g/10min	20.5-29.5	19.5-30.5	18-32	25.0	GB/T 3682.1
Isotactic index	%				98.6	SH/T 1774
Ash content	mg/kg	≤300			129	GB/T 9345.1
Modulus of elasticity in tension	MPa				1496	GB/T 1040.2
Tensile stress at yield	MPa	≥30.0	≥29.0	≥28.0	35.0	GB/T 1040.2
Tensile stress at break	MPa	≥8.0			21.6	GB/T 1040.2
Nominal tensile strain at break	%				460	GB/T 1040.2
(0.4mm) Fish-eye (0.4mm)	↑ /1520cm ²	≤40			11	GB/T 6595
(0.8mm) Fish-eye (0.8mm)	↑ /1520cm ²	≤10			4	GB/T 6595
Yellowness index	--	≤4.0			-2.7	HG/T 3862