

TECHNICAL DATA SHEET

POLYPROPYLENE

PPH-T03



Manufacturer:

SINOPEC HAINAN REFINING & CHEMICAL CO, LTD.

NO.1, YANGPU ROAD, YANGPU ECONOMIC DEVELOPMENT ZONE, HAINAN PROVINCE, CHINA.

Typical Application

PP yarn grade is widely used in the production of woven bags, colored stripe cloth for sunlight shading or covering use, carpet backing (base fabric), container bags, tarpaulin and ropes. Products made from this resin are mainly used as packages for food, chemical fertilizer, cement, sugar, salt, industrial feedstock and ores.

Package, Storage and Transportation

The resin is packaged in 25kg/bag without palletizing. The resin should be stored in a drafty, dry warehouse and away from fire and direct sunlight. It should not be piled up in the open air. During transportation, the resin should not be exposed to strong sunlight or rain and should not be transported together with sand, soil, scrap metal, coal or glass. Transportation together with toxic, corrosive and flammable substance is strictly prohibited.

Typical Data

Test Item	Test Method	Spec.	Unit
Black grain	SH/T1541	0	Pc/kg
Color grain	SH/T1541	≤5	Pc/kg
Large & small grain	SH/T1541	≤100	g/kg
MFR	GB/T3682	3.0± 0.5	g/ 10min
Isotacticity Index	GB/T2412	≥96.0	%
Ash content	GB/T9345.1	≤0.030	%
Tensile Yield Strength	GB/T1040.1	≥30.0	Mpa
Breaking Stress	GB/T1040.1	≥16.0	Mpa
Nominal tensile strain	GB/T1040.1	≥150.0	%