



聚丙烯树脂 PP (EPS30R, EPS30RA)

INTRODUCTION

It introduces the Spheripol process technology of the former Himont Company of the United States (now BASSELL Company), buys a combined process of a liquid-phase loop reactor and a gas-phase fluidized bed reactor, and uses a high-efficiency iron-carrying energy agent to produce propylene homopolymer. Propylene and ethylene random copolymers, propylene, ethylene and butene terpolymers, ethylene and propylene impact copolymers and more than 100 brands of products. The production capacity is 70,000 tons/year.



PRODUCTS IN THE MARKET

T30S, T36F, SP179, EPS30R, EPS30RA, QP73N, QP83N, QP81N, EP2X32G

PRODUCT PHYSICAL AND CHEMICAL PROPERTIES

Polypropylene resin is a crystalline polymer with a regular structure. The pellets are natural, cylindrical particles, and free of mechanical impurities. The relative density of polypropylene (0.90g/cm³~0.91g/cm³) is small, the transparency and surface gloss are good: it has excellent mechanical properties and heat resistance, the softening point is higher than that of high-density polyethylene, and the continuous use temperature can reach 120C : It also has excellent electrical insulation properties and chemical stability. After copolymerization with ethylene, blending with rubber, or strengthening with glass fiber, filling with minerals, adding chemical additives, etc., its performance can be obviously improved to meet the special requirements of different fields. Polypropylene can be widely used in blow molding, injection molding, extrusion, coating, cable and wire sheathing, extruded monofilament, narrow tape, film, fiber, etc., in all aspects of industry, agriculture and daily necessities.

PACKAGING AND SHIPPING

Polypropylene resin is non-hazardous. It is packed in inner-coated polypropylene woven bags, and the net content of each bag is 25kg at most. It is strictly forbidden to use sharp tools such as iron hooks during transportation and loading and unloading, and avoid throwing them. The means of transport should be kept clean, dry and equipped with a shed or scouring pad. During transportation, it shall not be mixed with sand, broken metal, coal and glass, let alone mixed with toxic, corrosive or flammable materials: it is strictly forbidden to expose to the sun or rain in the south. It should be stored in a well-ventilated, dry, clean warehouse with good fire-fighting facilities. It should be kept away from heat sources and protected from direct sunlight. It is strictly forbidden to stack in the open air. The storage period is generally not more than 12 months from the date of production.

EPS30R APPLICATIONS

Copolymerized polypropylene products, extruded board materials.

EPS30RA APPLICATIONS

Copolymerized polypropylene products, injection molding, mainly used in the production of wide-mouth containers such as paint buckets, battery casings, crates, idlers, etc.

EPS30R, EPS30RA QUALITY INDEX (Q/SH3055.383-2005)

ITEMS		UNIT	EPS30RA		EPS30R		STANDARDS
			PREMIUM	QUALIFIED	PREMIUM	QUALIFIED	
GRANULE APPEARANCE	COLORED	Pcs/kg	≤ 10	≤ 15	≤ 10	≤ 15	QSH3055.383-2005
	IRREGULAR	Pcs/kg	≤ 30	≤ 40	≤ 30	≤ 40	
MELT FLOW RATE		g/10min	2.0~3.0	2.0~3.0	1.0~2.0	1.0~2.0	GB/T 3682-2000
IZOD IMPACT STRENGTH(-20 C)		KJ/m ²	≥ 5	≥ 5	≥ 4	≥ 4	GB/T 1843--1996
FLEXURAL MODULUS		MPa	≥ 750	≥ 700	≥ 950	≥ 900	GB/T 9341 --2000
STRETCHING STRESS		MPa	≥ 24.0	≥ 24.0	≥ 24.0	≥ 24.0	GB/T 1040-1992