

Technical Data Sheet

| PP EPS30R

Injection molding grade impact copolymer PP

Manufacturers

Sinopec

PetroChina

Description

PP EPS30R is a block copolymer impact-resistant polypropylene. It is a highly versatile, injection-molding grade resin characterized by a low melt flow rate and high toughness. Thanks to its excellent balance of rigidity and toughness, stable low-temperature impact resistance, and outstanding processing adaptability, this grade is widely used in general-purpose plastics and industrial applications. It serves as a core material for logistics packaging, household goods, industrial components, and automotive plastic parts.

Technical Specification

ITEMS		UNIT	EPS30RA		EPS30R		STANDARDS
			PREMIUM	QUALIFIED	PREMIUM	QUALIFIED	
GRANULE	COLORED	Pcs/kg	≤ 10	≤ 15	≤ 10	≤ 15	QSH3055.383-2005
APPEARANCE	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℃)		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

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.

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.