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TECHNICAL DATA SHEET

POLYETHYLENE

DFDA-7042



Injection grade

Manufacturer:

SINOPEC HAINAN REFINING & CHEMICAL CO, LTD.

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

Typical Application

DFDA-7042 is a film grade linear low density polyethylene with high strength and good toughness, mainly used for the production of thin film, agricultural film, packaging film, packaging bags, etc.

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
Colored and black pellet	SH/T 1541.1-2019	≤10	pcs/kg
Large and small pellet	SH/T 1541.1-2019	≤10	g/kg
Snakeskin and tails pellet	SH/T 1541.1-2019	≤20	g/kg
MFR	GB/T 3682.1-2018	2.00±0.30	g/10min
Density	GB/T 1033.2-2010	0.9180±0.0030	g/cm ³
Tensile yield stress	GB/T 1040.2-2006	≥8.0	MPa
Tensile breaking stress	GB/T 1040.2-2006	≥12.0	MPa
Nominal tensile strain at break	GB/T 1040.2-2006	≥250	%
Fish eye (0.8mm)	Q/SH 3195 9-20185.11	≤2	pcs/1520cm ²
Fish eye (0.4mm)	Q/SH 3195 9-20185.11	≤15	pcs/1520cm ²
Haze	GB/T 2410-2008	≤14	%