



Technical Data Sheet (TDS)

Saudene LLDPE Rotomolding Powder

Brand Name: Saudene.

Material Type: Linear Low-Density Polyethylene (LLDPE) Rotomolding Powder.

Available Colors: White, Black, Green, Blue, Red,

Applications: High-performance rotational molding (e.g., water tanks, heavy-duty containers).

Our Saudene LLDPE rotomolding grades are specifically engineered to provide excellent processability, superior impact strength, outstanding environmental stress crack resistance (ESCR), and high UV stability, making them the ideal choice for durable and long-lasting applications.

PROPERTY	TEST METHOD	UNIT	VALUE
MELT FLOW RATE (2.16 KG)	ISO 1133	g/ 10 min	5
DENSITY	ISO 1892/1	Kg/ m ³	935
TENSILE STRENGTH AT YIELD	ISO 527/1	Mpa	18
ELONGATION AT BREAK	ISO 527/1	%	700
FLEXURAL MODULUS	ISO 178 1975	Mpa	720
ESCR, F50, 23°C	ASTM 1793	Hrs	300<
CHARPY IMPACT RESISTANCE	ISO 179	KJ / M ²	220
MEDIUM PARTICLE SIZE	ASTM D1921-89	Micron	300
BULK DENSITY	ASTM D 1895	g/cm ³	0.37
FLUIDITY	ASTM D 1895	Seconds	331

Sales & Export Department

Batterjee Factory for Basic Plastic Materials.

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