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TASNEE التصنيع

TASNEE LD 1925AS POLYETHYLENE

DESCRIPTION

TASNEE LD 1925AS is a Low Density Polyethylene with a Melt Flow Rate of 1.9 g/10min (190°C/2.16kg).

TASNEE LD 1925AS is mainly recommended for shrink film applications. It contains slip agent and anti-blocking additives and has a suitable molecular structure to produce film with excellent mechanical properties.

TASNEE LD 1925AS can be easily processed on all types of extruders designed for polyethylene. The melt temperature is suggested to be in the range of 160 – 190°C. Excellent properties of the film are achieved with a blow - up ratio of 2:1 and recommended film thickness range from 25 to 60 µm.

TYPICAL APPLICATIONS:

Bags & Pouches, Shrink Film, Food Packaging, Surface Protection.

PRODUCT CHARATERISTICS

Features: Anti-Blocking and Slip Additives, Good Optical Properties, Good Processability, Low Friction.

TYPICAL PROPERTIES

Physical	**Method**	**Unit**	**Values**
Density	ISO 1183	g/cm^3	0.925
Melt Flow Rate (190°C/2.16 kg)	ISO 1133	g/10min	1.90
Melting Temperature	ISO 3146	°C	111
Vicat Softening Temperature (A50 (50 °C/h 10N))	ISO 306	°C	94

Mechanical	**Method**	**Unit**	**Values(1)**
Tensile Modulus	ISO 527-1,-2	MPa	260
Tensile Stress @ Yield	ISO 527-1,-2	MPa	11
Tensile Strain @ Break (MD / TD)	ISO 527-1,-3	%	250 / 600
Tensile Strength (MD / TD)	ISO 527-1,-3	MPa	26 / 18
Dart Drop Impact (50 µm)	ASTM D 1709	g	110
Coefficient of Friction	ISO 8295	%	20

Optical	**Method**	**Unit**	**Values(1)**
Haze	ASTM D 1003	%	< 7
Gloss (20°) (60°)	ASTM D 2457	GU GU	> 50 > 100

(1) (The above properties are measured on blown film of 70µm thickness, extruded at melt temperature of 180°C and a blow up ratio of 2:1)

Note: The typical properties are not to be construed as specifications.