Producer	Characteristic Properties	Applications	Additive
Arya Sasol Petrochemical	Good toughness- High speed converting without sticking- Good optical properties.	Blown film extrusion- High clarity laundry bags- Textile wrapping films- Zip lock bags.	Antioxidant: Yes Antiblock : Yes Slip Agent : Yes

Typical Properties

Resin Properties	Unit	Typical	ASTM Method
MFI (190 °C /2.16 Kg)	dg/min	4.7	ISO 1133
Density	kg/m3	920	ISO 1183

Thermal Properties	Unit	Typical Value	Test Method
Haze	%	9	ASTM D1003 A
Gloss (45°)	%	55	ASTM D2457
Clarity	mV	21	SABTEC method

Mechanical Properties	Unit	Typical Value	Test Method
Impact Strength	kJ/m	15	ASTM D4272
Tear Strength (TD/MD)	kN/m	25/80	ISO 6383-2
Yield Stress (TD/MD)	MPa	11/12	ISO 527-1,3
Tensile Stress at Break (TD/MD)	MPa	15/27	ISO 527-1,3
Strain at Break (TD/MD)	%	> 500 / >100	ISO 527-1,3
Modulus of Elasticity (TD/MD)	MPa	200/200	ISO 527-1,3