



# LL24FA030

## LINEAR LOW DENSITY POLYETHYLENE FOR WIRE & CABLE APPLICATIONS

LL24FA030 is a Butene Comonomer based Linear Low Density Polyethylene (LLDPE). It is specially designed for low voltage insulation compound for silane cross-linking process. The grade is designed with optimum level of antioxidants.

Typical Characteristics*			
Property	Test Method	Unit	Typical Value**
Melt Flow Index (190°C / 2.16 kg)	ASTM D1238	gm/10 min	3.0
Density (23°C)	ASTM D1505	gm/cm <sup>3</sup>	0.924
Melting Range	ASTM D2117	°C	121-124
Tensile Strength at Yield	ASTM D638	MPa	12
Elongation at Break	ASTM D638	%	650
Vicat Softening Point	ASTM D1525	°C	108

\*Typical values not to be taken as specification

\*\*Mechanical Properties are on Injection Moulded Specimen

### Applications

XLPE compounds for Wire & Cable.

### Regulatory Information

- Meets the requirements stipulated in standard IS : 10146-1982 on "Specification for Polyethylene for safe use in contact with foodstuffs, pharmaceuticals, and drinking water". It also conforms to the positive list of constituents as prescribed in IS : 10141-1982. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21, 177.1520, Olefin polymers.

### Storage Recommendations

- Bags should be stored in dry / closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

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