



LDPE APAK LL-235FC7

LDPE is defined in the density range of 0.910-0.940 g/cm³. It is inert at room temperature except for high oxidation factors. It can withstand temperatures of 80 °C continuously and a short time at 95 °C. It is formed in completely flexible translucent or opaque variations and is almost too strong to break.

LDPE APAK LL-235FC7 is a linear low-density polyethylene resin (LLDPE) obtained by gas phase technology process. This grade is suitable for the production of lamination, agricultural, shrink and general films. LDPE APAK LL-235FC7 combined good processability and melt strength with excellent mechanical properties, high sealability, good hot tack force and superior optical properties. This grade approved for food contact applications.

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	0.7	D1238
Density	g/cm ³	0.922	D1505
Thermal properties @			
Flexural modulus	OC	107	D1525
Notched Izod impact at 23°C	OC	126	D3418
Flexural modulus	MPa	385	D790
Tensile Strength at Yield	MPa	17/14 (MD/TD)	D882
Tensile Strength at Break	MPa	52/42 (MD/TD)	D882
Tensile Elongation at Break	%	>700	D882
Elmendorf Tear	gr	78/455 (MD/TD)	D1922
Hardness	Shore D	55	D2240
ESCR	hr	>1000	1693
I Oncompression molded according to ASTM D1928C			