

MLLDPE

METALLOCENE LINEAR LOW DENSITY POLYETHYLENE GRADE F2010M / F2030M

APPLICATION

Polyethylene composition Grade F2010M and Grade F2030M are intended for further processing by blown-extrusion method into films of various thicknesses for packing purposes, storage and transportation of goods (articles), for manufacture of bags to be operated under severe conditions. Films manufactured from polyethylene Grade F2010M feature high tensile strength and high anti-puncture resistance.

No	TECHNICAL CHARACTERISTICS	GRADE F2010M Film extrusion (blown)	GRADE F2030M Film extrusion (cast)
	Parameter	Standard	Standard
1.	Density at 20 °C, kg/m ³	918÷925	918÷922
2.	Melt flow index at load of 2.16 kgf, g/10 min	0.7÷1.3	2.6÷3.4
3.	Melt flow index spread within a batch, %, maximum	10	10
4.	Number of inclusions, pieces, maximum	8	8
5.	Tensile yield strength, MPa, minimum	9	9
6.	Rupture strength, MPa, minimum	27	27
7.	Elongation at break, %, minimum	600	600

Supply form: Pellets

Packing: Product is packed in polyethylene bags (one bag net weight 25.00±0.25kg) and stacked on flat pallets with shrink film. Maximum gross weight of a bundle is 2 tons.

Transportation: by all modes of transport.

Storage: polyethylene shall be stored in enclosed dry space preventing from direct sunlight on shelves or pallets at least 5 cm from the floor and at least 1 m from heaters, at temperature max 30°C, relative humidity max 80%

Prior to processing bags with polymer shall be kept in production area for at least 12 hrs.

Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not release a customer from obligation to check the product as to suitability thereof for the intended application. A producer shall not be liable for any loss and damage that might occur due to use of this information.