

HIGH DENSITY POLYETHYLENE HXF4810 H

Producer: KarpatNaftoChim / Ukraine

Technical Description : Polyethylene Grade **HXF4810 H** is a high density polyethylene extrusion resin produced by the Unipol process. This grade has good chemical and weather resistance and is supplied in pellet form with natural colour.

Applications: Used in the production of sheets and films, bags, small wares, food and textile packaging.

DESCRIPTION OF PROPERTIES	UNIT	SPECIFICATION VALUES	TEST METHOD
Appearance		Uniform white pellets without tails. Baking of pellets is not allowed	
Melt flow Index, 190°C/5.0 kg	g/10 min	No norm	ASTM D 1238
Flow Index, 190°C/21.6 kg	g/10 min	7 - 13	ASTM D 1238
MFR 21.6/5		18 - 33	ASTM D 1238
Density at 23°C	kg/m3	946-950	ASTM D 1505
Ash content, maximum Purity degree, minimum Colour	% by wt	0.1	
Film rating, minimum		90	
Yield Strength, minimum		96	
Tensile Strength, minimum	Mpa	+20	
Ultimate Elongation, minimum	Mpa	18	ASTM D 638
	Mpa	30	ASTM D 638
	%	550	ASTM D 638

Packing: Packed in 25 kg polyethylene bags.