KAHROBA
گروه بازرگانی کهربا

شرکت صنایع پتروشیمی خلیج فارس
Persian Gulf Petrochemical Industries Co
PGPIC

شرکت پتروشیمی ایلام

HDPE 7700F			
Parameter	**Unit**	**Value**	**Test method**
Melt Flow Rate (MFR) at 190°C and 5 kg load	g/10 min	0.07	ISO 1133
Density at 23°C	kg/m^3	952	ISO 1183
Tensile Stress at Yield	MPa	25	ISO 527-1/-2
Tensile Stress at Break	MPa	>23	ISO 527-1/-2
Elongation at Break	%	>500	ISO 527-1/-2
Charpy Impact Strength	kJ/m^2	NB	ISO 179-1
Shore Hardness	D scale	62	ISO 868
Stress Cracking Resistance	Hr	>600	ASTM 1693
Vicat Softening Point	°C	131	ISO 11357
Melting Temperature	°C	124	ISO 306

HDPE 7700F is a type of HDPE that is specifically designed for film applications. HDPE is a highly crystalline non-polar thermoplastic resin produced through the copolymerization of ethylene and a small amount of α-olefin monomer. HDPE is synthesized under low pressure and is therefore also called low-pressure polyethylene. HDPE is mainly a linear molecular structure and has little branching. It has a high degree of crystallization and high density. It can withstand high temperatures and has good rigidity and mechanical strength and anti-chemical corrosion.

HDPE 7700F, Film grade, apply for bags and wraps, shopping bags, trash bags, courier bags, greenhouse films, mulch films, silage films, shrink films and protective films.