

Maroun Petrochemical Co.

Product: High Density Polyethylene

Producer: Maroun Petrochemical CO.

Licensor: Basell

Location: Petrochemical Special Economic Zone - BIK- IRAN

THT/TEA Grade

GRADE	Application	Physical Properties					
		Density (gr/ cm ³)	MFR (gr/10 min)	FRR	Notched Impact	Fish Eye Note	Hydrostatic Strength
			190oC / 2.16kg				
			190°C / 5kg	21.16 / 5	mj/mm ²		
190°C / 21.6kg					h		
HC7260	Injection Molding	0.957	8		3		
			23	2.8			
HD7255	Injection Molding	0.954	4		4		
			11	2.8			
HF4750	Small Blow Molding	0.944	1.1		10		
			23	21			
HF4760	Small Blow Molding	0.954	1.2		9		
			23	19			
HH4765	Small Blow Molding	0.959	1.5		7		
			27	18			
HM8355	Large Blow Molding	0.951	0.35		10		
			9.5	27			
HF7740F	Stretched tape (Raffia)	0.944	1.8			≤ 4	
			27	15			
HF7750M	Monofilament	0.956	2.5			≤ 5	
			25	10			
HF4750K	Cable Grade	0.946	3.5				
			70	20			
HM5010T2N	Pipe Grade	0.945	0.45		12		1000 (4.0 N/mm ²)
			12	27			
HM9450F1	Film Grade	0.950	0.24			≤ 3	
			8.2	34			
HM9455F1	Film Grade	0.957	0.24			≤ 3	
			8.2	34			
HM9450F	Film Grade	0.949	0.28			≤ 3	
			8	29			
HM9455F	Film Grade	0.955	0.28			≤ 3	
			8	29			
HM9445HT	Film Grade	0.944	0.18			≤ 3	
			6.3	35			

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THG-SGrade

GRADE	Application	Physical Properties					Hydrostatic Strength
		Density (gr/ cm ³)	MFR (gr/10 min)	FRR	Notched Impact (23 °C)	Fish Eye Note	
			190oC / 2.16kg				
			190°C / 5kg	21.16 / 5	mj/mm ²		
						h	
HC7260	Injection Molding	0.962	8		4		
			23				
HD7255	Injection Molding	0.954	4		5		
			11				
HF7740F2	Strewtched tape (Raffia)	0.944	1.8		15	≤ 4	
			21	12			
HF7750M2	Monofilament	0.956	2.8		25		
			28	10			
HM5010T3N Nature	Pipe Grade	0.944	0.43		22	5000 (4.0 N/mm ²)	
			10.3	24			
HMCRP100N Nature	Pipe Grade	0.948	0.22		24	5000 (4.5 N/mm ²)	
			6.2	28			

