

# TECHNICAL DATASHEET

## HP4023W



### PRODUCT DESCRIPTION

HP4023W is Low Density Polyethylene grade suitable for producing general-purpose films and contains slip and antiblock additives. It gives excellent processability and optical properties with good mechanical properties.

### TRPICAL APPLICATION

HP4023W can be used for high clarity laundry bags, textile wrapping films, produce bags, zip lock bags.

### TYPICAL DATA

PROPERTIES	Unit	Value <sup>(1)</sup>	Test Method
Melt Flow Rate @ 190°C & 2.16 kg load	g/10 min.	4.0	D 1238
Density @ 23°C	kg/m <sup>3</sup>	923	D 1505
MECHANICAL PROPERTIES <sup>(2)</sup>			
Tensile Strength @ break, MD	MPa	18	D 882
TD		15	
Tensile Elongation @ break, MD	%	270	D 882
TD		54 <sup>0</sup>	
Tensile Strength @ yield, MD	MPa	7	D 882
TD		7	
1% Secant Modulus, MD	MPa	60	D 882
TD		170	
Dart Impact Strength	g/micron	2	D 1709
Tear Resistance MD	g/micron	5	D 1922
	g/micron	4	D1004
OPTICAL PROPERTIES <sup>(2)</sup>			
Haze	%	7	D 1003
Gloss @ 45°	-	75	D 2457
Thermal Properties			
Vicat Softening Point	°C	91	D 1525