

# YUZEX® 6610

High Density Polyethylene  
SK Global Chemical

Message:

YUZEX® 6610 is a High Density Polyethylene product. It is available in Asia Pacific, Europe, or North America. Typical application:  
Plumbing/Piping/Potable Water.  
Characteristics include:  
Good Processability  
Good Stiffness  
High ESCR (Stress Crack Resistant)

General Information			
Features	Good Processability		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
Uses	Piping		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.12	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	> 1000	hr	ASTM D1693
Molecular Weight Distribution	20.0 to 30.0	Mw/Mn	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	24.5	MPa	
Break	38.2	MPa	
Flexural Modulus	843	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746

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Recommended distributors for this material

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