

YUCLAIR® PD800F

High Density Polyethylene
SK Global Chemical

Message:

YUCLAIR® PD800F is a High Density Polyethylene product. It is available in Asia Pacific, Europe, or North America. Primary characteristic: antioxidant.

General Information			
Additive	Antioxidant		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.5	MPa	ASTM D638
Tensile Elongation (Break)	950	%	ASTM D638
Flexural Modulus	706	MPa	ASTM D747
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	121	°C	ASTM D1525

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