

Rigidex® HD 5060UA

PE

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.5	g/10min	ISO 1133
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	25	MPa	ISO 527
Strain at break	1000	%	ISO 527
Flexural modulus, 23°C	900	MPa	ISO 178
Charpy impact strength, +23°C	8	kJ/m ²	ISO 179/1eU
Shore D hardness	64	-	ISO 7619-1
Thermal properties			
ISO Data			
Vicat softening temperature, A	121	°C	ISO 306
ASTM Data			
Coefficient of Thermal Expansion, MD	200	E-6/K	ASTM D 696
Melting Temperature	130	°C	ASTM D 3418
Specific Heat	2300	J/(kg K)	ASTM C 351
Other properties			
Density	950	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, White

Special Characteristics

U.V. stabilized or stable to weather

Features

Blending Resin, Copolymer

Regional Availability

Europe