

HD-8060U

HIGH DENSITY POLYETHYLENE (HDPE Injection)

Technical Data Sheet

The HD-8060U is a narrow molecular weight distribution homopolymer that exhibits enhanced flow characteristics and good balance of stiffness and impact resistance. Typical applications include cases, tote bins, crates and trays. HD-8060U contains a UV stabilizer for outdoor applications.

Application -> Crates; Pallets/Trays/Tote Bins

Market -> Rigid Packaging

Processing -> Method Injection Molding

NOMINAL RESIN PROPERTIES	NOMINAL VALUE (ENGLISH)	NOMINAL VALUE (SI)	METHOD
Density	0.960 g/cm3	0.960 g/cm3	ASTM D1505
Melt Index, 190C/2.16Kg	7.9 g/10 min	7.9 g/10 min	ASTM D1238
Flexural Young's Modulus	205000 psi	1410 MPa	ASTM D790
Tensile Young's Modulus	146000 psi	1010 MPa	ASTM D638
Tensile Stress at Break, (23 °C)	2300 psi	15.9 MPa	ASTM D638
Tensile Stress at Yield, (23 °C)	4250 psi	29.3 MPa	ASTM D638
Tensile Elongation at Break, (23 °C)	380 %	380 %	ASTM D638
Tensile Elongation at Yield, (23 °C)	11 %	11 %	ASTM D638
Vicat Softening Temperature	264 °F	129 °C	ASTM D1525
Low Temperature Brittleness	<-105 °F	<-76 °C	ASTM D746
Melting Temperature	270.9 °F	132.7 °C	ASTM D3418
Crystallization Temperature	240.6 °F	115.9 °C	ASTM D3418



One River Way, Ste 1125 – Houston, TX, 77056 - USA Email: plastics@snetor.fr



Tel: +33 1 49 04 88 88 Email: plastics@snetor.fr

Disclaimer

The information on this document is, to our knowledge, true and accurate. Due to operating conditions and intended uses beyond our control, it is the customer's responsibility to establish satisfactory performance of this product for the intended application. By providing the information contained herein, SNETOR, makes no guaranty or warranty, and does not assume any liability with respect to the completeness of such information.