TRANSAMERICAN
POLYMERS CORPORATION

TECHNICAL DATA SHEET (TDS)

HDPE IM8-64
HIGH DENSITY POLYETHYLENE

OVERVIEW: High stiffness, maximum impact.

Applications: Tote boxes, Beverage crates.

Complies with the specification U.S FDA 21 CFR 177.1520 (c) 2.2

ADDITIVE: Processing antioxidant, UV Stabilizer

Properties	Test Method	Units	Nominal Values
Melt Index (190° C/2.16 Kg)	ASTM D1238	g/10 min	8
Density	ASTM D792	g/cm^3	0.961
Properties			
Tensile strength at yield	ASTM D638	Psi/MPa	4200/29
Elongation	ASTM D638	%	1200
Flexural Modulus	ASTM D790	Psi/MPa	185600/1280
Hardness, Shore D	ASTM D2240		65
Vicat Softening Point	ASTM D1525	°C/°F	129/264
ESCR F_{50}	ASTM D1693	H	<10

Physical properties measured on compression molded specimens

TRANSAMERICAN POLYMERS CORP.

The above information is provided in good faith. TRANSAMERICAN POLYMERS CORP. is not responsible for any processing or compounding which may occur to produce finished articles, packaging materials or their components. Further, TRANSAMERICAN POLYMERS CORP.MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN FOR THE PRODUCTS DESCRIBE D, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR PARTICULAR PURPOSE.

801 Travis St. Suite 2101 PMB 1864 Houston, TX 77002
Tel: +1 (877) 220-8942 www.transampolymers.com

Rev. April 2022