

# RAMOLENE

# HD955

"HDPE Blow Molding Resin"

"Recommended for bleach and detergents, industrial chemicals, industrial parts. Suitable for food packaging. Good stress cracking resistance and excellent stiffness. FDA compliant."

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<u>Resin Properties</u> <sup>(1)</sup>	<u>Typical Value / Units</u>	<u>ASTM Method</u>
Melt Index, g/10 min		D- 1238
190-C/2.16 kg	0.35	
190-C/21.6 kg (HLMI)	30.0	
Density, g/cm <sup>3</sup>	0.955	D-792
Melting Point, ° F	264	D-3417
<u>Mechanical Properties</u> <sup>(1)(2)</sup>		
Tensile Strength at Yield, psi	4,000	D-638 Type IV specimen, 2 in/min
Elongation at Break, %	600 343	D-638, Type IV specimen, 2 in/min
Flexural Modulus, psi	200,000	D- 790
ESCR <sup>(3)</sup> , hrs.		D- 1693, Cond B
100% Igepal	50	
10% Igepal	35	
<u>Processing</u>		
<u>Recommendation</u>		
Blow Molding Stock Temperature	360 - 400 °F	
Extrusion Melt Temperature	380 - 420 °F	

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) The data listed were determined on compression molded specimens and may, therefore, vary from specimens taken from molded articles.

(3) Environmental Stress Crack Resistance (ESCR)

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All tests were run under laboratory conditions, ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Ramtech's products must be guided by the user's own methods for selection of proper formulation. RAMTECH OVERSEAS, INC. disclaims any responsibility for misuse or misapplication of its products. Ramtech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose.