

# ADVANCENE™ EM-3405-UVH

Medium Density Polyethylene  
ETHYDCO

Message:

ADVANCENE™ EM-3405-UVH Medium Density Polyethylene (MDPE) resin is a hexene copolymer with narrow molecular weight distribution and produced using advanced gas phase PE process. This resin is intended for use in rotational molding applications such as chemical tanks, storage containers and general UV stabilized rotomolding applications.

Main Characteristics :

Rotomolding.

Narrow molecular weight distribution.

General Information			
Additive	UV stabilizer		
Features	UV Stabilized		
	Copolymer		
	hexene comonomer		
	Narrow molecular weight distribution		
	Medium density		
Uses	Container		
	Water tank		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.934	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238, ISO 1133
Environmental Stress-Cracking Resistance (50°C, 1.90 mm, 100% Igepal, F50)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638, ISO 527-2
Yield	14.0	MPa	ASTM D638, ISO 527-2
Fracture	16.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	650	%	ASTM D638, ISO 527-2
Flexural Modulus - 1% Secant	428	MPa	ASTM D790, ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -100	°C	ASTM D746, ISO 974

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

