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SUPERIOR FLEXIBLE PACKAGING RESINS

Marlex® HHM TR-131 Polyethylene

MEDIUM DENSITY POLYETHYLENE (MDPE)

这种中密度聚乙烯是一种乙烯-己烯共聚物，专为需要吹塑薄膜应用而定制：

- 柔软手感
- 良好的韧性、抗冲击强度和抗撕裂性
- 与HDPE HMW 树脂具有良好的共混特性

该树脂产品符合的技术标准或规范要求：

- FDA 21 CFR 177.1520(c) 3.2a, use conditions B through H per Table 2 of 21 CFR 176.170(c)
- ASTM D4976 – PE 225
- (EU) No. 10/2011

For a safety data sheet (SDS), visit our site at www.saudipolymers.com

HHM TR-131 的典型应用包括：

- 背心袋
- 购物袋
- 垃圾袋

标称物理特性 ^(1,2)	Value (SI Units)	Method
密度	0.938 g/cm ³	ASTM D1505
熔指(MI, 190 °C/2.16 kg)	0.20 g/10 min	ASTM D1238
弯曲模量, Tangent – 16:1 span:depth, 12.7 mm/min	760 MPa	ASTM D790
耐环境应力开裂ESCR, Condition B (100 % Igepal), F ₅₀	> 1,000 h	ASTM D1693
脆化温度, Type A clamp, Type I specimen	< -75 °C	ASTM D746
0.025 mm厚度下标称吹膜性能 ^(1,3)	Value (SI Units)	Method
落标冲击强度(66 cm)	165 g	ASTM D1709
埃尔门多夫撕裂强度纵向 MD	30 g	ASTM D1922
埃尔门多夫撕裂强度横向 TD	350 g	ASTM D1922
拉伸屈服强度纵向MD, 50.8 mm/min	21 MPa	ASTM D882
拉伸屈服强度纵向横向TD, 50.8 mm/min	23 MPa	ASTM D882
断裂伸长率纵向 MD, 50.8 mm/min	500 %	ASTM D882
断裂伸长率横向 TD, 50.8 mm/min	660 %	ASTM D882

1. The nominal properties reported herein are typical of the products, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded.
2. The physical properties were determined on compression moulded specimens that were prepared in accordance with Procedure C of ASTM D4703, Annex A1.
3. Based on 0.025 mm film produced at 4:1 blow-up ratio.

Revision Date: January, 2017



Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Saudi Polymers Company does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as any international laws which may be encountered in the use thereof. Such questions should be investigated by the user.

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