

DATE: 2024-2025

Arena Code: AS10220/JPC-HM-8355 (BL4)

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

## **Technical Data Sheet**

## HM-8355 (BL4)

High Density Polyethylene

HM-8355(BL4) is a high density polyethylene with 1-Butene as co monomer with general purpose grade for large containers. It is a high molar mass, easily processable, high stiffness strength, good stress cracking resistance and very good molding surface finish grade resin. HM-8355(BL4) is a Blow molding grade resin which is manufactured by suspension polymerization of ethylene monomer. HM-8355 (BL4) is a bimodal high density polyethylene with Butene-1 as comonomer with general purpose of large container.

## **Applications:**

General purpose grade for large container

Properties	Value	Units	Test Method
Melt Index (21.6)	9.5	g/10 min	ISO 1133
Melt Index (5)	0.35	g/10 min	ISO 1133
FRR (21.6/5)	27		
Density	0.951	g/cm <sup>3</sup>	ISO 1183
Swell Ratio	110	%	
Notched Impact @ 23 °C	10	mJ/mm²	ISO 179/ 1 eA



Head Office:

Head Office: Unit 1011, 10th Floor, Kian Center 2 , Janbaz Blvd, Mashhad, Iran

Postal Code : 9197810030 Tell:+98-51-3883 9090

Fax:+98-51-3883 9010 Mobile: +98 915 005 1050 Website: www.arena-petrogas.com E-mail: info@arena-petrogas.com

