

	<u>Physical Properties</u>	Date	2020. 03. 01
		LOTTE CHEMICAL R&D CENTER 115 Gajeong-book St. Yuseong, Daejeon TEL) 042-879-1261,1262	

MPEG-1000

HONEOL

General Information

Description

Narrow molecular distribution
 Low Free-PEG content (under 2 wt%)
 Low Dioxane and Free-EO content

Applications

- ◆ Polycarboxylate superplasticizer
- ◆ Methyl-blocked fatty acid PEG esters

Physical Properties¹

General Properties	Test Method	Unit	Specifications	Remarks
Molecular weight	LC METHOD	-	910-1,120	
Appearance(25°C)	VISUAL		Paste	
Color(50°C)	ASTM D 1209	APHA	Max 100	
pH	ISO 4316	-	5.5-7.5	
Hydroxyl Value	ASTM D 4252	mgKOH/g	50.0-62.0	
Water contents	ASTM D 1744	Wt%	Max 0.10	
Dioxane	LC METHOD	ppm	Max 5	
Free EO	LC METHOD	ppm	Max 5.0	
Viscosity(50°C)	ASTM D 2196	cP	48.0-62.0	
Na	LC METHOD	wtpm		

Note

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications