



AMPLIFY™ TY 1057H Functional Polymer

Overview

AMPLIFY™ TY 1057H is a part of the AMPLIFY Functional Polymer portfolio. AMPLIFY™ TY 1057H is a maleic anhydride grafted (MAH) polymer designed as a graft concentrate and is intended to be in-line blended with non-grafted polymer. The level of AMPLIFY™ TY 1057H relative to the non-grafted polymer is dependent upon the targeted adhesion level. The higher the loading of AMPLIFY™ TY 1057H the relatively higher level of adhesion to either EVOH or polyamide.

Main Characteristics:

- Rapid dispersing capability
- Excellent adhesion to polyamide and EVOH
- Excellent physical properties
- Wide range of process and service temperature
- For blown and cast film

Complies with:

- (EU) No 10/2011
- US FDA 21 CFR 175.105 (c)(5)

Consult the regulations for complete details.

Additive

- Antiblock: No
- Slip: No
- Processing Aid: No

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.912 g/cm ³	0.912 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
MAH Graft Level ¹	High	High	Dow Method

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ Low: <0.25 wt%, Medium 0.25-0.5, High >0.5 wt%

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Additional Information

North America		Europe/Middle East	+800-3694-6367
U.S. & Canada:	1-800-441-4369		+31-11567-2626
	1-989-832-1426	Italy:	+800-783-825
Mexico:	+1-800-441-4369		
Latin America		South Africa	+800-99-5078
Argentina:	+54-11-4319-0100		
Brazil:	+55-11-5188-9000		
Colombia:	+57-1-219-6000	Asia Pacific	+800-7776-7776
Mexico:	+52-55-5201-4700		+603-7965-5392

www.dowplastics.com

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