

# AMPLIFY™ TY 1057H

Functional Polymer

The Dow Chemical Company

## Message:

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.

General Information			
Agency Ratings	EU 10/2011		
	FDA 21 CFR 175.105(c) (5)		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.912	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
MAH Graft Level <sup>1</sup>	High		Internal Method
NOTE			
1.	Low: 0.5 wt%		

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## 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



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