



# Adsyl/6089

## Very Low SIT Terpolymer for POF Applications

### Product Application Focus

The growing demand for packaged food such as ready-to-eat meals, snacks, consumer goods, beverages and industrial packaging applications.



Adsyl/6089 key application: Skin layer of PO films

### THE MARKET REQUIREMENT

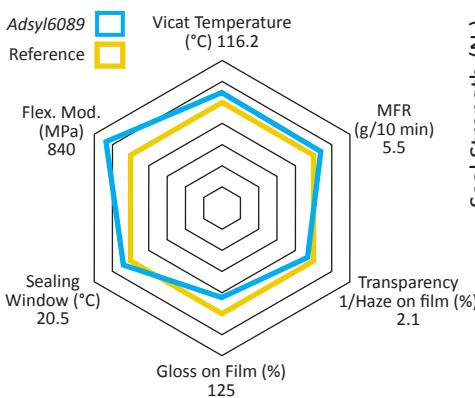
- Good shrinking performance
- Excellent aesthetic properties
- Very good sealing performance

### THE PRODUCT DESIGN

Adsyl/6089 is a PP terpolymer, with a melt flow rate of 5.5 g/10 min, and with anti-blocking and slip agents for double bubble process.

#### Key features:

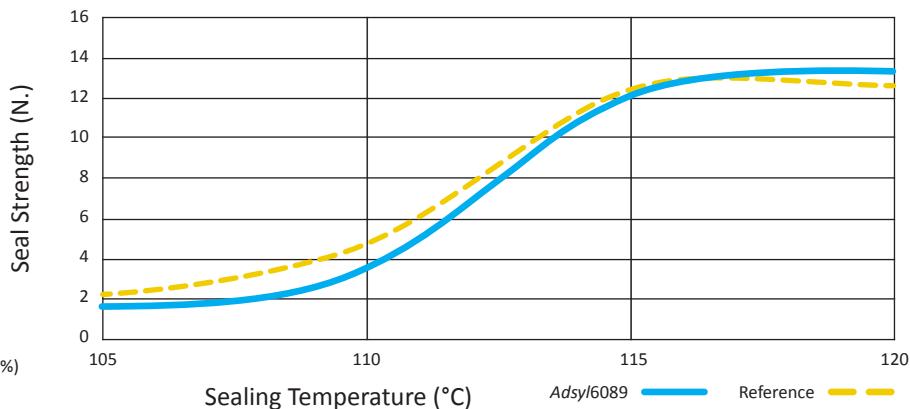
- Good shrinking performance
  - Low melting point of Adsyl/6089 eases the drawing process and provides better shrink capability
- Excellent aesthetic properties
  - High transparency and gloss
- Superior processing window
- Very good sealing performance
  - Good sealing integrity and strength
  - Very low sealing temperature



### PROPERTIES COMPARISON OF ADSYL6089 AND MARKET REFERENCE GRADE

Properties	Unit	Testing Method	Reference	Adsyl 6089
Melt Flow Rate	g/10 min	ASTM D1238	5.0	5.5
Flexural Modulus	MPa	ASTM D790	665	840
Deflection Temperature	°C	ASTM D648	74.5	75.4
Vicat Temperature, 10 N	°C	ASTM D1525	110.0	116.2
Haze, 50 microns monolayer film	%	ASTM D1003	1.0	2.1
Gloss, 50 microns monolayer film	%	ASTM D2457	140	125

### ADSYL6089 – SEAL STRENGTH CURVE



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