

## Adstif HA842K

Super Stiff Polypropylene Homopolymer Resin for Thermoforming

### Features

- Specifically designed for Solid Phase Pressure Forming
- Ultra high stiffness, comparable to HIPS
- Very good top load strength
- Good processability
- Low odor and taste transfer
- Hot fillable, microwavable

### Typical applications

- Drinking cups
- Yogurt cups
- Noodle cups
- Margarine tubs
- Microwavable for reheating of foods
- Dairy cups

Resin properties (a)	Adstif HA842K	ASTM METHOD(b)
Melt flow rate (230 °C / 2.16 kg), dg/min	3.5	D1238
Density, g/cm <sup>3</sup>	0.90	D792B
Tensile strength at yield, MPa	38	D638
Elongation at yield, %	6	D638
Flexural modulus, MPa	2250	D790A
Notched izod impact strength at 23 °C, J/m	34	D256A
Deflection temperature, at 455 kPa, °C	120	D648

(a) Values shown are averages and are not to be considered as specifications.

(b) ASTM test methods are the latest under Society's current procedures. All molded specimens are prepared by injection

### Chemical Registration / Inventory Status

All ingredients in *Adstif* HA842K meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada).

Note: Due to the fact that different regulations in each country set different details of compliance, users of *Adstif* HA842K are recommended to undertake their own investigation of the requirements and comply with each regulation set forth, for instance, in applicable local F&DA requirements. Ultimately the users must make their own determination that their use of *Adstif* HA842K is safe, lawful and technically suitable in their intended applications.

*Adstif* is a trademark of LyondellBasell Industries

HMC Polymers is certified according to ISO 9001 and 14001

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**The purpose of this document is only for technical support of the use of the product.**

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