

ASTUTE™ QPsK905-A Resin

High-Performance Plastomer



**Engineered for high-speed packaging—
without the challenges of conventional plastomers**

ASTUTE QPsK905-A | 0.85 MI | 0.905 g/cm³ Density

ASTUTE™ QPsK905 resin delivers superior package integrity and robust sealing across diverse packaging equipment. Its high-quality, consistent architecture, made with proprietary Advanced SCLAIRTECH™ Technology, is easier to handle than conventional plastomers. QPsK905 is an excellent building block for monomaterial packaging with low sealing temperatures that broaden the operating window during packaging processes.

**High speed sealing
performance you
can trust**



**CONSISTENT, LOW-TEMPERATURE
SEALS** across all-PE recyclable films—
optimized for high-speed converting.

**Superior productivity
over conventional
plastomers**



HIGH MELT STRENGTH for stable
bubble provides more output with
minimal cooling.

**Exceptional optics
and high oxygen
transmission rate**



Maintains produce **FRESHNESS**
and maximizes packaging
VISUAL APPEAL.

APPLICATIONS:

Flexible packaging ideal for high-speed VFFS, HFFS and SUP applications—perfect for fresh produce, frozen, and dry foods using all-PE films requiring very low seal initiation temperature.

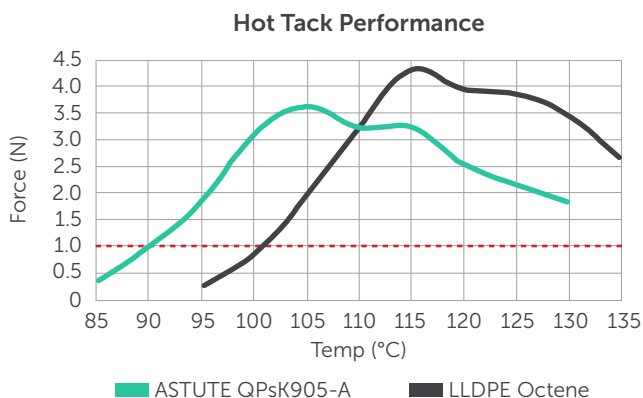
**Reliable supply through
diversified geography.**



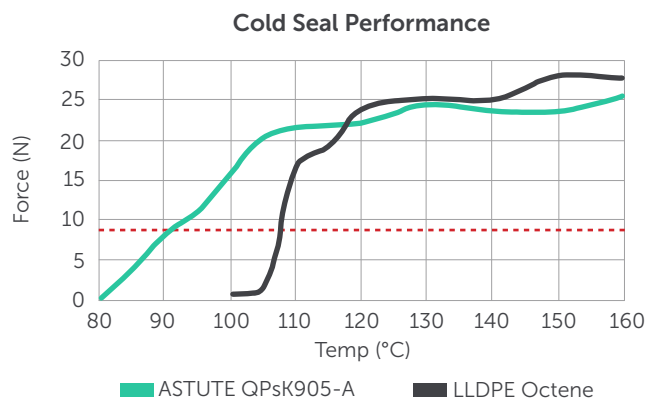
High speed sealing performance you can trust

Low seal and hot tack initiation for reliable seals in high-speed converting lines.

Hot Tack: 10° lower than LLDPE Octene



Cold Seal: 15° lower than LLDPE Octene



Superior productivity over conventional plastomers

Delivers 58% higher melt strength compared to an LLDPE Octene (1 MI 0.92 g/cc).

Specific Output	Melt Strength (cN)
ASTUTE QPsK905	5.20
LLDPE Octene (1 MI 0.92 g/cc)	3.29
Improvement	58%



Exceptional optics and high oxygen transmission rate

Experience enhanced clarity with 50% less haze and 13% better oxygen permeability than conventional LLDPE Octene.

Specific Output	Haze
ASTUTE QPsK905	3%
LLDPE Octene (1 MI 0.92 g/cc)	6%
Improvement	50%

Specific Output	OTR (cc-mil/100in ² -day-atm)
ASTUTE QPsK905	1034
LLDPE Octene (1 MI 0.92 g/cc)	915
Improvement	13%