ExxonMobil

Pails with in-line labeling, excellent aesthetics, high impact and rigidity

Energy lives here™

The combination of Achieve™ Advanced PP 7123KNE1 and Vistamaxx™ performance polymers 6202, delivers high gloss, toughness and stiffness to injection molded parts.

Challenge reality and rethink what's possible in product design

- High stiffness with balanced impact resistance
- Better aesthetic by reducing stress whitening
- Superior gloss for good appearance
- Better durability and downgauge possibility
- Easy to process

Achieve Advanced PP7123KNE1

MFR (230°C/2.16 kg) - g/10 min	Tensile strength at yield MPa	Flexural modulus 1% secant (2.0 mm/min) – MPa	Notched Izod impact (RTNI) (23°C) – kJ/m²	Gardner gloss (60°)
11	30.8	1680	6.9	89
ASTM D1238	ISO 527-2/50	ISO 178	ISO 180/1A	ASTM D523

Values given are typical and should not be interpreted as specifications. Data generated by or on behalf of ExxonMobil Chemical, cited from product datasheet version of 01/01/2017.

Vistamaxx 6202

MFR 230°C/ 2.16 kg ExxonMobil method g/10 min	Density[1] ASTM D1505, g/cm³	Hardness ASTM D2240, shore D/A	Flex mod[1,2] 1% secant ASTM D790 MPa (psi)	Vicat softening point 200 g ExxonMobil method, °C (°F)
20	0.862	64A	12.8 (1860)	45.2 (113)

1. All physical properties were measured on specimens cut from compression molded plaques per ASTM D4703, Procedure A, Type I and conditioned at 23°C for a minimum of 40 hours per ASTM D618 prior to testing.
2. 1% secant at break.

Discover the full story:

ExxonMobil K2019 microsite:

Discover the properties and processability of Achieve Advanced PP and Vistamaxx in injection molding machines.

Creating differentiated solutions. Together.

For more information: exxonmobilchemical.com/pp

Visit us at ExxonMobil pavilion FG10.1

P1019-155E49

KraussMaffei

Accelerate your performance in packaging.

MODEL: GX 1100

- **The new heavyweight in clamping force**
- **SPEED Option for extra fast clamping movements**
- **Higher plasticizing performance (through HPS barrier screw)**

EXPONAT:

20 l bucket refined with in-mold-labeling (IML)

Partners

Calframax Technologies, Campetella Robotic Center, Creaprint, ExxonMobil Chemical Europe, mevisco, motan-colortronic, Moving, Uniform Color Company, iba, gwk Gesellschaft Wärme Kältetechnik, ef cooling

Clamping force: 11,000 kN
Cavities: 2
Material: PP
Screw: HPS Barrier 120 mm, 26D
Shot weight: 1500 g
Cycle time: 14 sec
Automation: Side-entry IML robot
Digitalization: APC plus, DataXplorer, Smart Operations

KraussMaffei at K2019:
Hall 15 / B27
For more information: www.kraussmaffei.com