

# Thickeners



PRODUCTNAME	APPLICATION AREA	DESCRIPTION
<b>POLYGEL CA</b>	Polymeric thickener based on acrylic acid (Carbomer).	High viscosity performance particularly in products with lower ionic strength. Use: ADW gels (low hypochlorite content), alcohol-based formulations (fire gel, sanitizing hard surface cleaner).
<b>POLYGEL K100</b>	Cross linked cationic polymer.	For applications where high amounts of cationic surfactants or strong acids are used, like for example: Toilet cleaners and diluted fabric softeners. For formulations pH > 1.
<b>POLYGEL W301</b>	Acrylate copolymer in emulsion (30% active matter).	Easy to handle / disperse. Recommended for thickening non-ionic solutions in an alkaline environment and for suspending solid particles. Use: scouring milk, dishwashing detergent, peroxide-based bleach, detergent booster, window cleaner, mild detergent (<20% active ingredients), toilet gels, soaking agent (high amount of nonionic surfactants).
<b>POLYGON R-068</b>	Nonionic thickener based on xanthan gum. With stabilising effect on dispersions and emulsions. Powder.	Good compatibility with anionic, nonionic, and amphoteric surfactants. Homogenous. Food quality.
<b>POLYGON R-110 NEW</b>	Thickener for acidic sanitary cleaners.	Liquid, optimized surfactant-blend designed as "one-shot-thickener". All components comply with EU Detergents Regulation (EC Directive No. 648/2004). POLYGON R-110 is phosphorous-free and compatible with H <sub>2</sub> O <sub>2</sub> .
<b>TENSAN N-304 NEW</b>	Non-ionic foam booster with foam-stabilizing effect. Emulsifying properties. It has an antistatic and anti-corrosive effect.	Viscosity regulator, foam booster and moisturizing agent for manually applied cleaners.