

TPV Compound Srl. Medical Grade PVC

Foster Polymer Distribution, a business unit of Foster Corporation, is an authorized sales and distribution partner for TPV® Compound Srl.

Based in Italy, TPV® Compound Srl. is a leading manufacturer of medical grade PVC for extrusion, thermoforming and injection molding applications. TPV® Compound PVC offers excellent water and chemical resistance, allowing for pre-sterilization of multi-use and disposable medical components, using steam, radiation and ethylene oxide. All medical compounds are DEHP free, with flexible to rigid grades available.

The tables below provide a comprehensive comparison of TPV® Compound PVC grades (available through Foster Polymer Distribution), to other grades commonly used in the medical industry.

Grade	Hardness	Specific Gravity	Tensile Strength		Elongation @ Break
	Shore	-	MPa	PSI	%
TPV AM663/A	63A	1.168	14.5	2,100	390
Unichem 6511-02	65A	1.180	12.4	1,800	450
TPV AM 169/A	69A	1.195	16.5	2,395	370
Unichem 7011C2-02	70A	1.210	16.3	2,365	400
TPV AM189/A	91A	1.250	24.5	3,550	340
Unichem 9011A-03	90A	1.270	21.7	3,150	300
TPV AM 194/A	94A	1.260	25	3,625	320
Unichem 9311A-02	93A	1.270	23.4	3,395	280
Unichem 9511A-02	95A	1.280	21.7	3,150	275
TPV AMG 101	78D	1.350	41	5,950	150
TPV AMG 100	79D	1.330	35	5,075	150
Unichem 10012G-015	72D	1.350	44	6,380	69

**Data values for TPV PVC grades were provided by TPV Compound Srl. Data values for Unichem PVC grades were provided by Colorite Polymers.*

About Foster Polymer Distribution

Foster Polymer Distribution, a business unit of Foster Corporation, is a specialized supplier of performance polymers for medical device applications. Foster recognized and prioritizes the value of application development within our targeted industry. Our goal, as a market development distributor is to discover, develop and assist in bringing new applications to fruition. We cater to the unique demands of the medical device community by providing custom services including product development, material sampling, lot selection, custom batches, regulatory support and logistics.

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