

A 3D rendered image of a purple PVC injection moulded part, possibly a shoe sole or a connector, showing concentric circular patterns and a textured surface. The part is set against a background of large, white, rounded rectangular shapes on a purple field.

PVC FOR INJECTION MOULDING

Compounds designed for injection moulding of fittings, junction boxes, drainage systems, shoe soles, plugs, connectors, caps and many other items.

Density	Hardness	Tensile Strength	Elongation at Break
ISO 1183 g/cm ³ (± 0,02)	ISO 868 Shore A (± 2)	ISO 527 N/mm ²	ISO 527 %

Technical items					
GS 37/TN-UV	Transparent – UV resistant	1,12	38	≥ 6	≥ 450
GSK 4810	General purpose	1,2	48	≥ 8	≥ 430
GSK 61	Items for building industry	1,25	61	≥ 9	≥ 300
GS 65/FR3	Flame retardant	1,32	65	≥ 14	≥ 400
GS 65/TN	Transparent	1,19	65	≥ 12	≥ 360
GSK 6635	Low migration	1,35	66	≥ 11	≥ 300
GSK 74/UV	UV resistant	1,29	74	≥ 12	≥ 280
GSK 85/D	Phthalates free – low temperature resistance	1,26	85	≥ 15	≥ 300
GSK 9130/UV	Items UV resistant	1,37	91	≥ 14	≥ 310
Footwear					
GSK 50/32Y	Boots – orto-phthalates free	1,31	50	≥ 8	≥ 410
GS 55/H	Transparent - Sandals - Phthalates free	1,16	55	≥ 9	≥ 400
GSK 55/23Y	Boots – orto-phthalates free	1,23	55	≥ 10	≥ 420
GSO 55/Y	Transparent - Satin effect – Orto-phthalates free	1,16	55	≥ 9	≥ 400
GSK 58/R-AS	Items with NBR – Antistatic	1,3	58	≥ 10	≥ 350
GS 60/T	Transparent	1,17	60	≥ 10	≥ 400
GS 60/YL	Transparent - Orto-phthalates free - with perfume	1,17	60	≥ 10	≥ 400
GSK 62/32Y	Boots – orto-phthalates free	1,3	62	≥ 10	≥ 410
GSK 62/R	Items with NBR	1,17	62	≥ 10	≥ 400
GS 6612/D	Phthalates free – low temperature resistance	1,24	66	≥ 9	≥ 340
GSE 01909/10	Expandable	1,18 0,50 (foamed)	70	-	-
GS 70/T	Transparent – Sandals	1,22	70	≥ 12	≥ 360
GSK 75/DY	Orto-phthalates free	1,3	75	≥ 11	≥ 350
GSK 75/R-AS	Oil resistant – antistatic	1,2	75	≥ 17	≥ 350
GS 81/H	Transparent – Phthalates free	1,22	80	≥ 16	≥ 350
GS 90/TN	Transparent – Sandals	1,25	91	≥ 17	≥ 300

Storage

These compounds must be stored at ambient temperature (not exceeding 30°C) in closed and unbroken packaging in order to avoid exposure to sunlight and water absorption.

Packaging

Available in 25 Kg. plastic sacks, big bags, carton oktubins or in bulk tanker truck

Notes

The values shown in these tables are typical values obtained from measurements made on extruded samples or pressed plates. The information shown in this document should be considered given simply as a guide for the use of these products. The technical information shown are result of our laboratory tests and are indicative and not strictly binding. Fainplast Srl will never be considered responsible for the results obtained by using its products in other production processes.