

# SPAN-PACK<sup>®</sup> 1000-W

## PHYSICAL AND CHEMICAL DATA

APPEARANCE	Strand-cut shape. Free flowing granulate.
PELLET SIZE	5 – 7 mm.
COLOR	White / Off white
ODOUR	Slightly odour. Solvent odour.
DENSITY	1040 - 1050 kgr / m <sup>3</sup>
SPECIFIC WEIGHT	450 – 550 kgr / m <sup>3</sup>
POLYSTYRENE	> 92%
BLOWING AGENT	4 – 6 % n-pentane iso-pentane
EXPLOSIVE LIMITS	Pentane: Lower 1,3% Vol. Upper 7,8% Vol.
MOISTURE CONTENT	Less than 0.05 wt%
COATING	Anti-static Anti-lumping
FLASH POINT	-56°C based on the expanding agent.
AUTO-IGNITION	285°C Aprox. (DIN 51794)
SOLUBILITY IN WATER	None.
SOLUBILITY	Soluble in aromatics (organic solvents) , halogenated solvents and ketones.
SOFTENING POINT	70 – 100 °C
SHELF LIFE	6 Months if kept dry and below 25°C
BULK DENSITY ONCE EXPANDED	< 3,9 Kg / m <sup>3</sup> (achievable)
SELF IGNITION	Not self-igniting
EXPLOSION HAZARD	Not explosive
THERMAL DECOMPOSITION	220°C Aprox.
RESIDUAL STYRENE MONOMER CONTENT	< 0,10%