



TOTAL
COMMITTED TO BETTER ENERGY



DISPOSABLES

Convenience for everyone


A PANEL OF SOLUTIONS

High Impact Polystyrene (HIPS)

Grade	MFI (5 Kg – 200°C) (g/10min)	Vicat 5 kg (°C)	Elongation at break (%)	Specific Features
3630	15	82	30	
3450	7.0	95	55	High heat resistance
7240	4.5	87	60	

7240 – The reference on the market

General Purpose Polystyrene (GPPS)



Grade	MFI (5 Kg – 200°C) (g/10min)	Vicat 5 kg (°C)	Elongation at break (%)	Specific Features
1340	4.0	93	2.5	
1540	12	86	2.0	Easy flow
1810	20	85	2.0	Very easy flow

1540 – Best performances - processability balance

WHY CHOOSING POLYSTYRENE ?

Food safety & sustainability



Food safety

More than **50 years of safety** with Polystyrene **food packaging**.

Polystyrene fully complies with the Regulation (EU) 10/2011 amended up to the Regulation (EU) 2015/174

Sustainability

Polystyrene can **be recycled up to 20 times** maintaining its performances

Polystyrene is **environmentally preferable than plastic alternatives (i.e. paperboard)**



50% less energy for a PS cup vs paperboard cup



2 times less CO₂ for a foam PS cup vs paperboard cup