

CHEMTECH & PP INDUSTRY

Glycerol monostearate in polypropylene is introduced during the extrusion process.
It is used for **antistatic** as well as **mold release** properties.

RADIA CODE	MONO CONTENT (%)	PHYSICAL FORM (*)	MELTING POINT (°C)	PURITY			
				WATER CONTENT (%)	ACID VALUE (mgKOH/g)	IODINE VALUE	FREE GLYCERINE (%)
7915	95	Coarse powder (320 – 350 µm)	72-75	≤ 0.5	≤ 2	≤ 2	≤ 1
7911	90	Coarse powder (320 – 350 µm)	65-70	< 0.5	< 1.5	< 2	< 1
7905	90	Beads	63-69	< 0.5	< 1.5	< 2	< 1
2918K	90	Coarse powder (+- 420 µm)	63-69	< 1	< 3	< 2	< 1
2644K	60	Coarse powder (320 – 350 µm)	Ca. 60	< 1	< 1	< 2	< 1
7344	50	Coarse powder (320 – 350 µm)	55-60	≤ 0.5	≤ 1.5	≤ 2	≤ 1

* Other physical forms available upon request.

The recommended concentration of GMS in PP is **2000-6000 ppm**, although sometimes **500-1000 ppm** is used.

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