



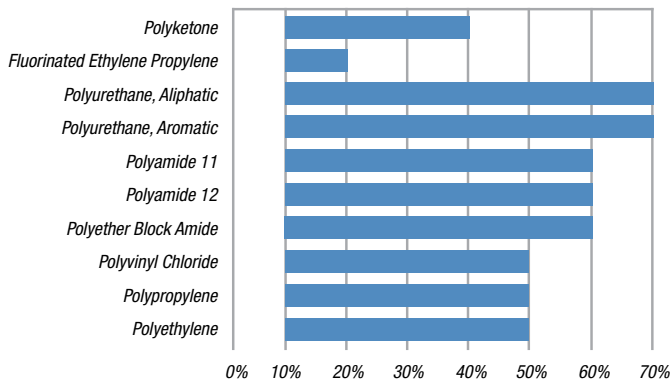
Effect of Radiopaque Fillers on Pebax® Durometer

Foster LoPro® Radiopaque Compounds include a wide range of advanced radiopaque fillers and polymers to create high quality compounds required for small, 'low profile' device designs. The table below outlines the results of a durometer study conducted by Foster Corporation on Pebax® Polyether Block Amide polymers with and without industry standard radiopaque fillers.

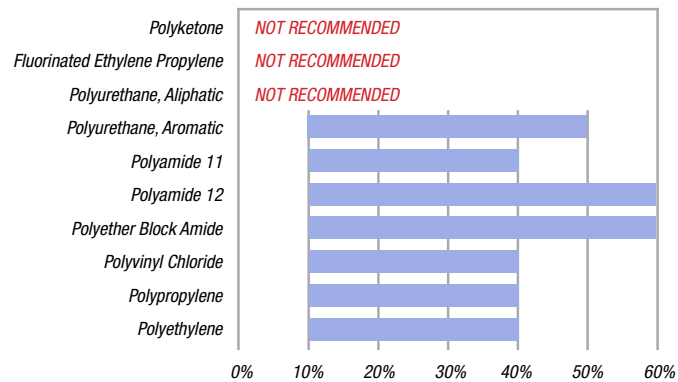
	PEBAX® 2533 SA01 MED HARDNESS (SHORE D)	PEBAX® 5533 SA01 MED HARDNESS (SHORE D)	PEBAX® 7233 SA01 MED HARDNESS (SHORE D)
NATURAL (NO FILLER)	29	55	72
20% BARIUM SULFATE	31	54	72
40% BARIUM SULFATE	34	57	74
20% BISMUTH SUBCARBONATE	31	53	72
40% BISMUTH SUBCARBONATE	33	56	74
20% BISMUTH OXYCHLORIDE	31	55	73
40% BISMUTH OXYCHLORIDE	33	57	73
50% TUNGSTEN	32	55	74
50% TUNGSTEN	38	60	77

RADIOPACIFICER TYPE	SPECIFIC GRAVITY	PARTICLE SIZE SIZE (µm)	% METAL	DENSITY	ATOMIC #	K-EDGE	EFFECTIVE K-EDGE
BARIUM SULFATE	4.4	0.5-2	58.8	4.5	56	37.4	99
BISMUTH SUBCARBONATE	8.0	1-2	79.61	7.7	83	90.5	555
BISMUTH OXYCHLORIDE	7.8	2-12	89.03	8.9	83	90.5	587
TUNGSTEN	19.3	1-2	100	19.35	74	69.5	1350

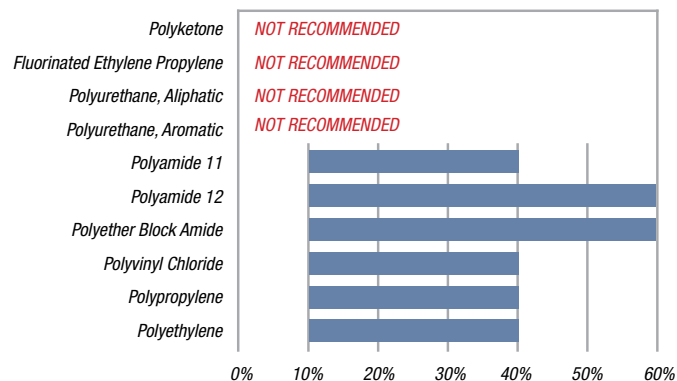
BARIUM typical loading levels



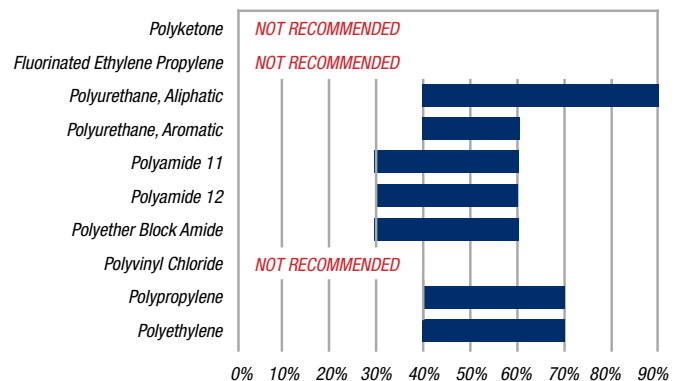
BISMUTH SUBCARBONATE typical loading levels



BISMUTH OXYCHLORIDE typical loading levels



TUNGSTEN typical loading levels



These values are based on historical Foster data and do not reflect Foster recommendations or capabilities.



Foster Corporation

45 Ridge Road, Putnam, CT 06260 • P: 860.928.4102 F: 860.928.4226

www.fostercomp.com

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