

**FOR SALE**

# Complete Elastomers Plant

By order of:

**TOTAL PETROCHEMICALS ELASTOMERS NV**



**SBS – 60,000 ton/yr and HSE – 40,000 ton/yr  
Comprehensive Technology Package with License  
Immediate Availability!**



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IAM specializes in sourcing plants and processes for the chemical, pharmaceutical, petrochemical, fertilizer, mineral processing, synthetic fibre, food processing and other process industries.

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# Complete Elastomers Plant

60 kt/yr of SBS (Styrene-Butadiene-Styrene) - Finaprene Polydiene Process

40 kt/yr of HSE (High Styrenics Elastomers) - Total's Finaclear Process

Technology and process know-how for rated capacity available

## Major uses

SBS - Bitumen modification (for roads and roofing), Plastic modification (HIPS additive), Compounding (shoe soles), Sealants and Joints, Adhesives

HSE - Clear HIPS (blended with crystal polystyrene), transparent film packaging applications, Injection & extrusion molding

## Production Details: 3 production Lines

Poly # 1 and 2 can produce SBS,SBR,PBD(Poly butadiene) or Diblock

Poly # 1: (2) reactors with External flashing, continuously upgraded till 2005, 30,000 t/yr SBS

Poly # 2: Continuously upgraded till 2005, 30,000 tons/year SBS

Poly # 3: External flashing system in 1996, converted to HSE in 1988, 40,000 t/yr, direct desolventizing, W&P ZSK240 Extruder, Buss preconcentrator, 2002

**Plant can produce 30 KT/Yr of Solution SBR, PBD, Diblock and 30 kt/yr of SBS**

## Major Equipment

Iso Butane/ Butadiene spheres (3) 800 m<sup>3</sup> and (1) 321 m<sup>3</sup>; Solvent storage tanks (4) 850 m<sup>3</sup> ;

(4) Compressors by Neumann and Esser to compress gases from flash tanks

Solvent & Monomer Purification facilities, 2 processes for Butadiene; Styrene - (2) parallel drying trains (3t/h each), alumina absorption beds; Solvent - (2) distillation columns, azeotropic water removal.

Reactors - (6) 35 m<sup>3</sup> rated 13 bar with drive, (2) 45 m<sup>3</sup> rated 13 bar with drive

External flash tanks (4 vessels, 2 lines); blend tanks (9) 800 m<sup>3</sup>; (3) stainless steel blending bins

(2) Stripper lines for SBS

Direct desolventizing for HSE, W&P ZSK240 Extruder, Buss preconcentrator, 2002

(2) Anderson drying lines with (2) expellers and expander each, Inco 825, baling equipment (for SB diblock, solution SBR or PBD production)

French drying line, dewaterer and dryer

(2) Compressa Fluidized bed coolers, 4 t/hr each

Palletizer and bagging lines

450 m<sup>3</sup> and (2) 125 m<sup>3</sup>; (3) Crumb tanks, stainless steel, 5m x 15m, late 90's.

Fujitsu/Siemens DCS system Teleperm and PCS 7 (2004)

## Immediate Availability!!

This is a unique opportunity to buy a complete facility at a small fraction of replacement cost

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