



บริษัท เคมี อินโนเวชั่น จำกัด

CHEMICAL INNOVATION COMPANY LIMITED

Research and Development Laboratory

20 Soi Ramkhamhaeng 30 (Ban Rao) Hua Mak, Bang Kapi, Bangkok 10240 Thailand

20 ซอยรามคำแหง 30 (บ้านเรา) แขวงหัวหมาก เขตบางกะปิ กรุงเทพฯ 10240

Tel: (66) 2 3755197 (Auto)

Fax: (66) 2 7321632

www.elastomer-polymer.com

Testing Service List

Revise.01/2025

No	Equipment	Price (Bath)	Remark
Plastic			
1	Twin screw extruder : compound 10 kg.	5000	1 formulation
2	Injection molding	3000	10 set : Tensile, Impact, Flexural
3	Single screw extruder : compound 5 kg	3500	1 formulation
4	Compression molding	600	1 slab sheet (20x30 cm)
5	Mold shrinkage by injection molding	500	1 piece (100x240x2 mm)
6	Dying before injection molding	60/hr	Maximum temperature 100 °C
7	Melt flow index	600	1 sample (3 repetitions)
8	Capillary rheometer	1500	1 formulation
9	Hardness shore D	500	1 piece (3 repetitions)
10	Universal testing machine – tensile strength	1500	5 piece
11	Universal testing machine – flexural strength	1500	5 piece
12	Impact strength @ room temperature	2000	5 piece
13	Specific gravity	500	1 piece
14	HDT VICAT @ deflection of plastic	2500	Maximum temperature 200 °C
15	Moisture content	500	1 sample
16	Ash content (Solid content)	700	1 sample
Rubber			
16	Intermeshing mixer: compound 3 kg.	2000	1 formulation
17	Compression molding	600	2 slab sheet
18	Compression molding: compression set	600	5 piece
19	Mooney viscometer	500	1 piece
20	Moving die rheometer (MDR)	500	1 piece
21	Hardness shore A	500	1 piece (3 repetitions)
22	Mechanical testing machine - tensile strength	1500	5 piece
23	Mechanical testing machine - tear strength	1000	5 piece
24	Compression set	50/hr	Max temperature 200 °C
25	Heat resistance	50/hr	Max temperature 200 °C



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26	Oil resistance	100/hr	Max temperature 150 °C (Include Fuel)
27	Freezer	25/hr	Min temperature -40 °C, 24 hr
28	QUV	25/hr	Temperature 50 °C
29	Ozone resistance	60/hr	2 piece
30	Specific gravity	500	1 piece
31	DIN abrasion	1500	3 piece
32	Vertical rebound testing	500	3 piece
33	Bloom testing	1000	3 piece
34	Friction testing	500	2 piece
35	Electrical resistance	500	2 piece
36	Low temperature brittleness	2000	Min temperature -60 °C , 5 piece
37	Carbon dispersion	1000	1 piece
38	FTIR	1500	1 piece
39	DMA	2000	1 piece (Min 5 pieces/time)
40	Volume change, weight	1000	3 piece